OIPE JC184
NOV 05 2002
PATENT & TRADEMARK OFFICE

#7 SV
JLG

Attorney Docket No.: VNI-018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Pickett et al.	Notice of Allow. Mailed: August 1, 2002
Serial No.: 09/849,326	
Filed: May 4, 2001	Examiner: Vincent, D.
For: Systems and Methods for Multiple Mode Voice and Data Communications Using Intelligently Bridged TDM and Packet Buses and Methods for Performing Telephony and Data Functions Using the Same	Group Art Unit: 2661

Commissioner of Patents and Trademarks
Washington, D.C. 20231

ATTENTION: Official Draftsperson

TRANSMITTAL OF FORMAL DRAWINGS

Applicant hereby submits SEVENTY-SEVEN (77) sheets of Formal drawings for filing in the above-identified application. A Notice of Allowance was mailed August 1, 2002, and the issue fee payment is being submitted concurrently herewith.

Respectfully submitted,

Alan R. Loudermilk
Attorney for Applicant(s)
Registration No.: 32,788

Date: 11/1/02

Loudermilk & Associates
P.O. Box 3607
Los Altos, CA 94024-0607
(408) 868-1517

CERTIFICATE OF MAILING

I hereby certify that the foregoing is being deposited with the U.S. Postal Service, postage prepaid, to Box Issue Fee, Assistant Commissioner for Patents, Washington, DC 20231 this 1st day of Nov., 2002.

Alan R. Loudermilk

08.02

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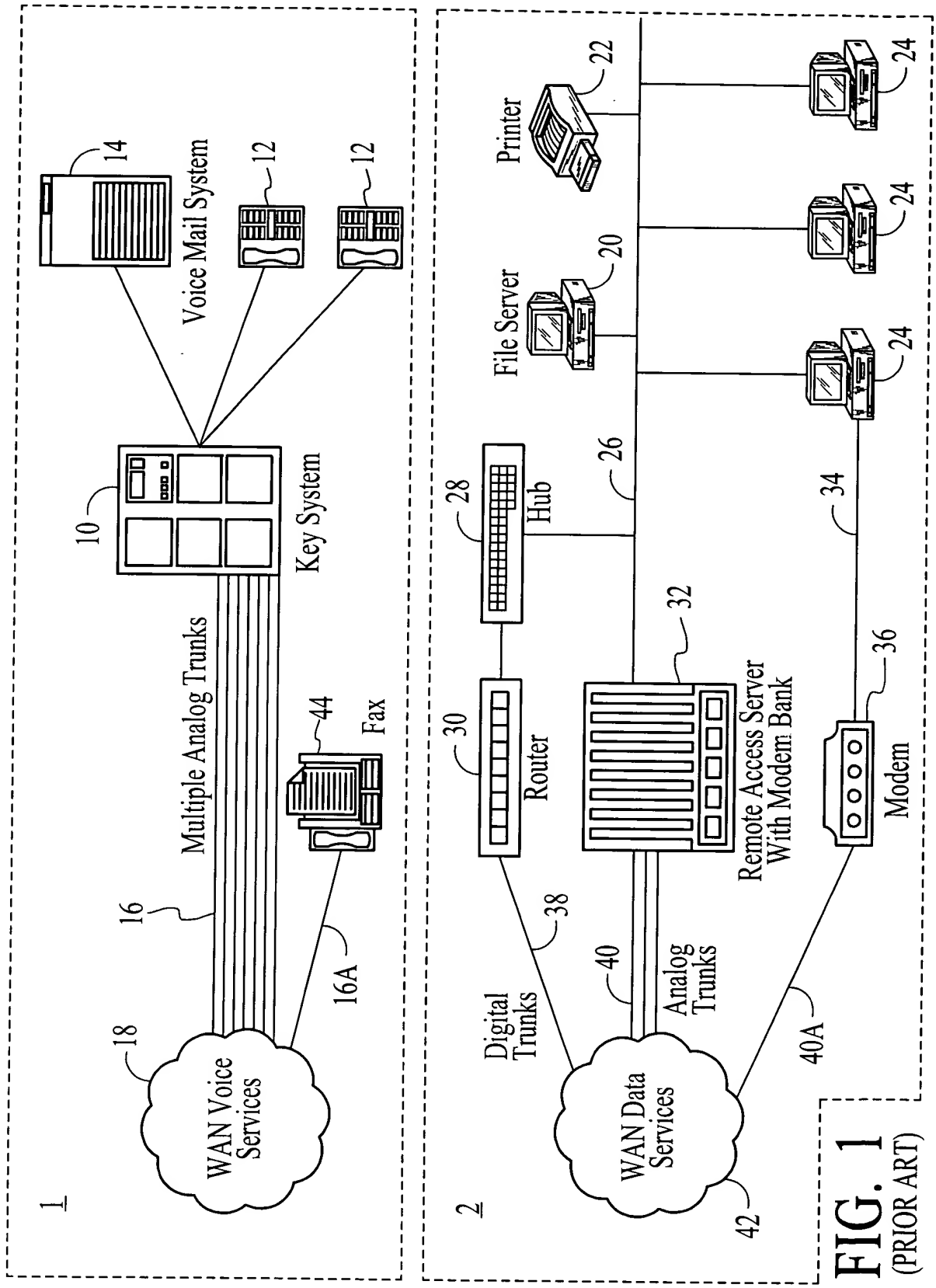

FIG. 1
(PRIOR ART)

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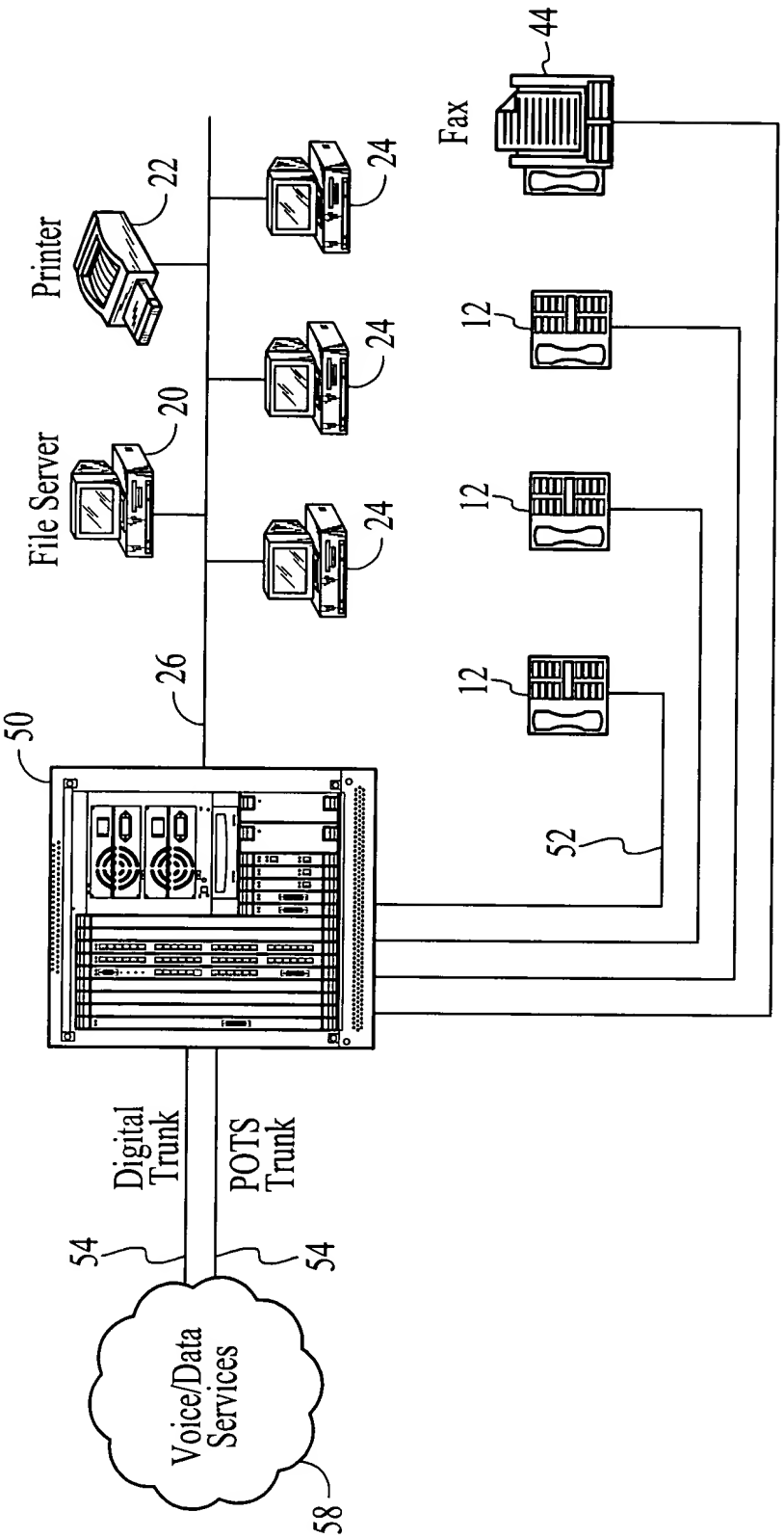

FIG. 2

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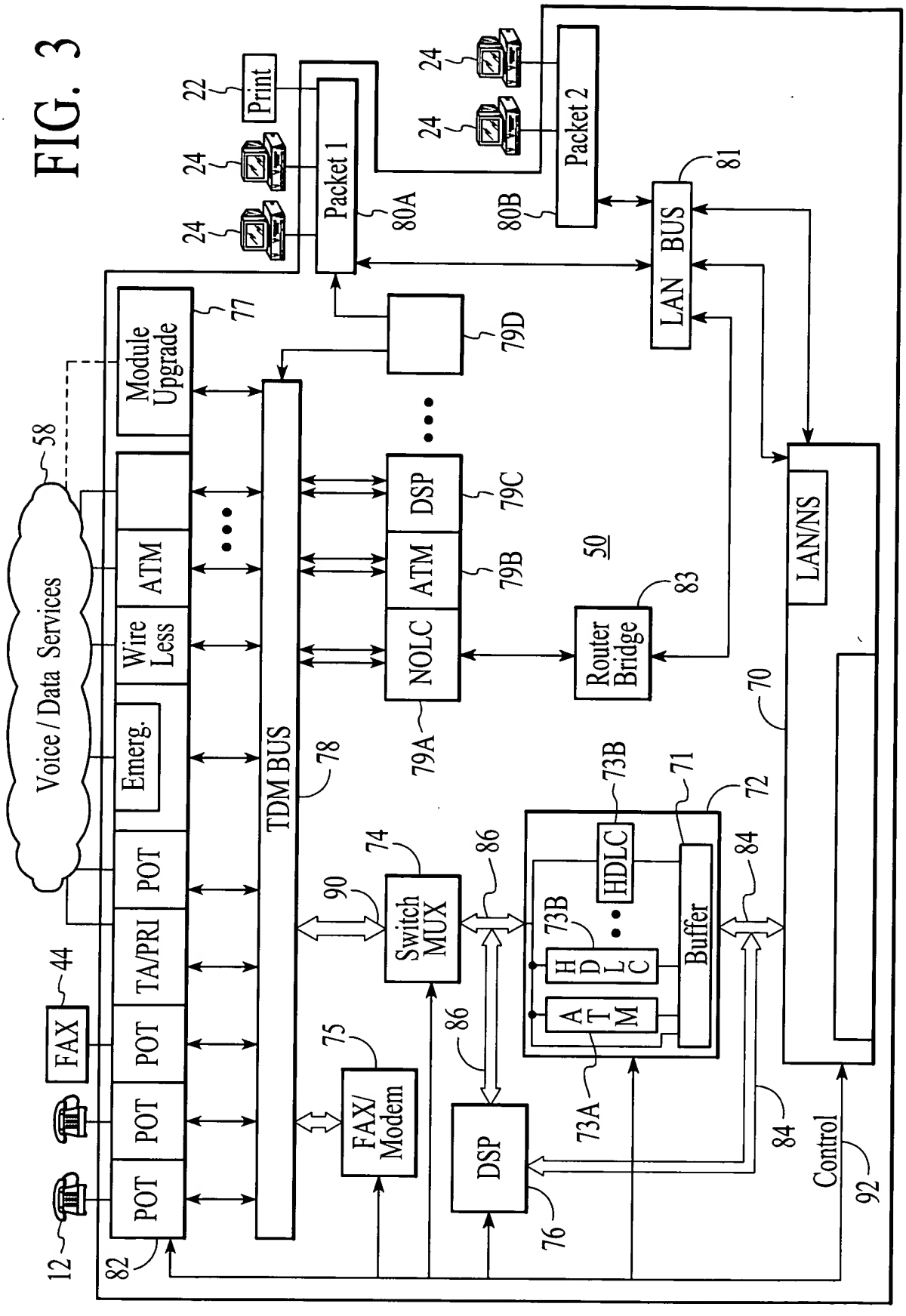
FIG. 3



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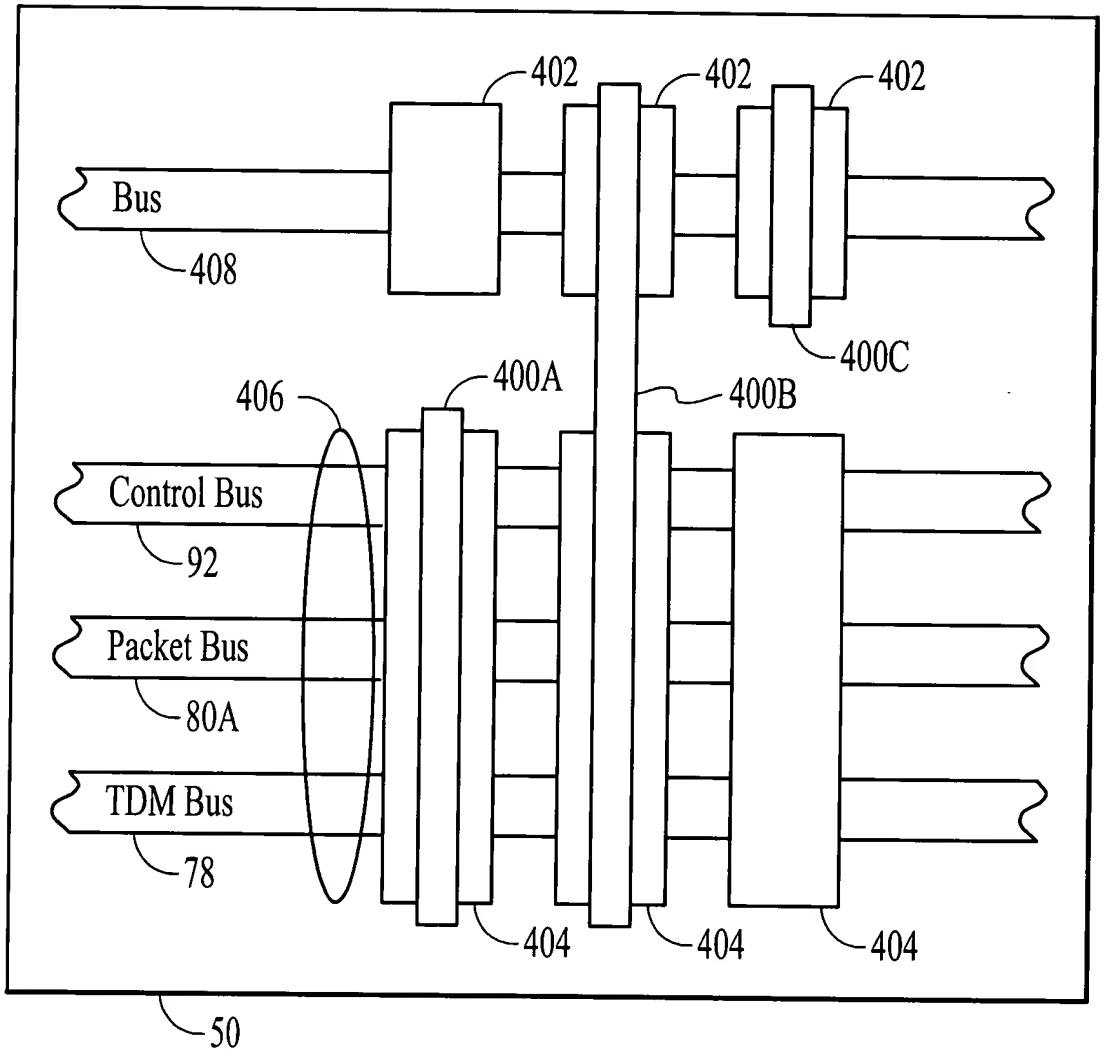

FIG. 3A

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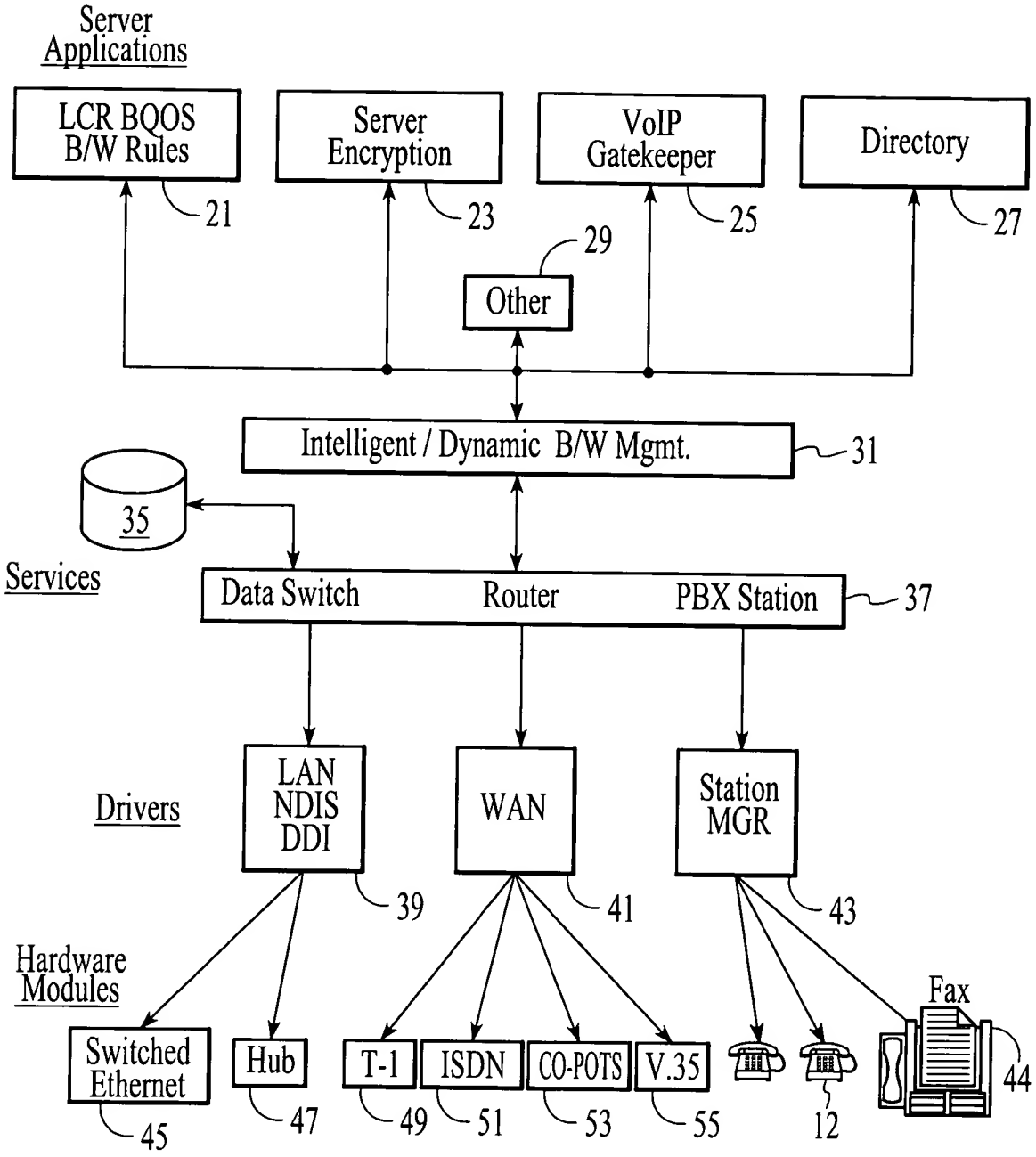

FIG. 4

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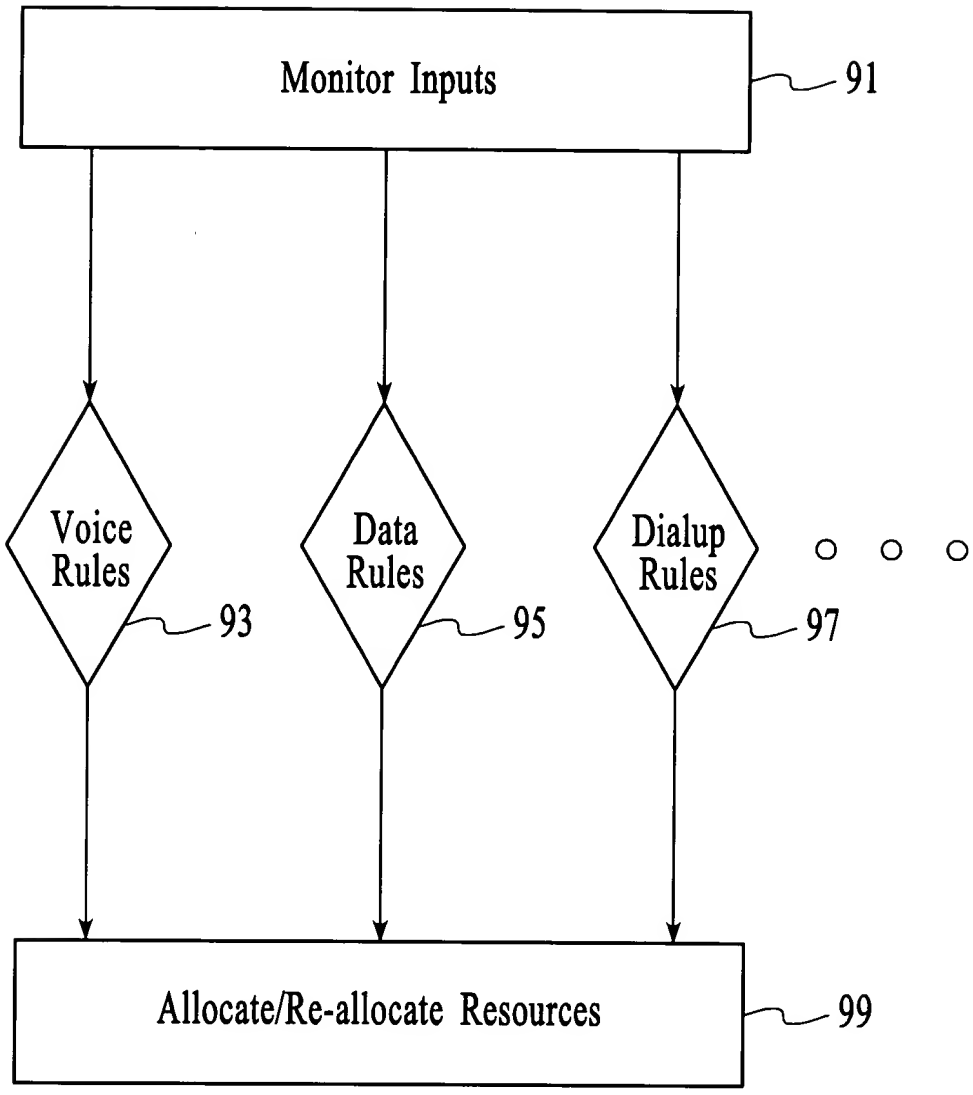

FIG. 5

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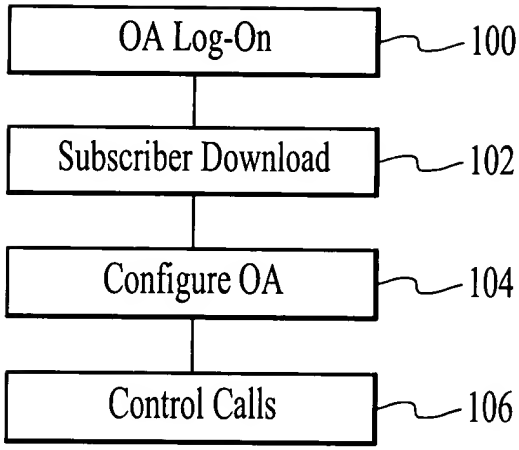

FIG. 6

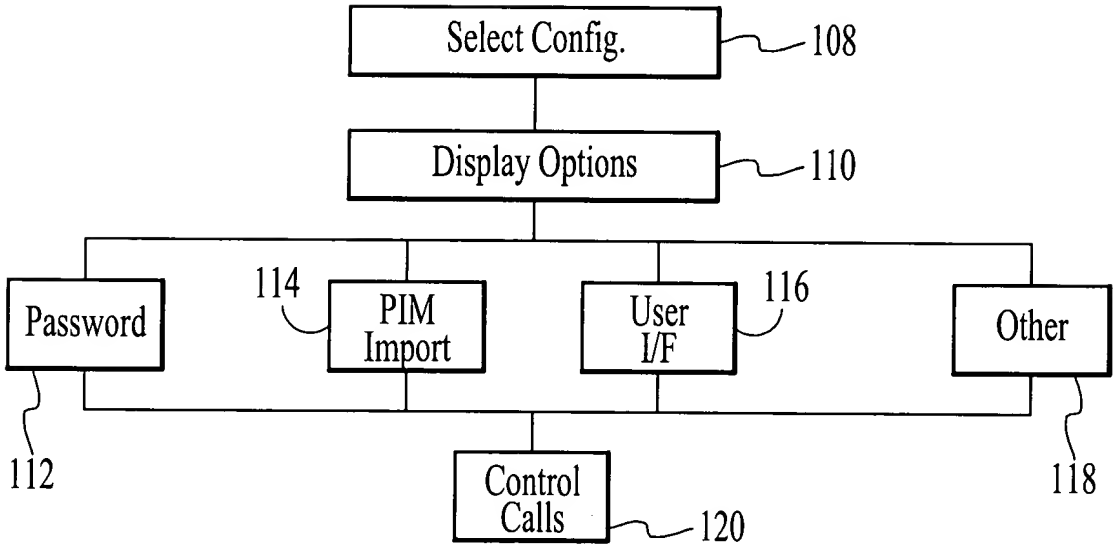

FIG. 7

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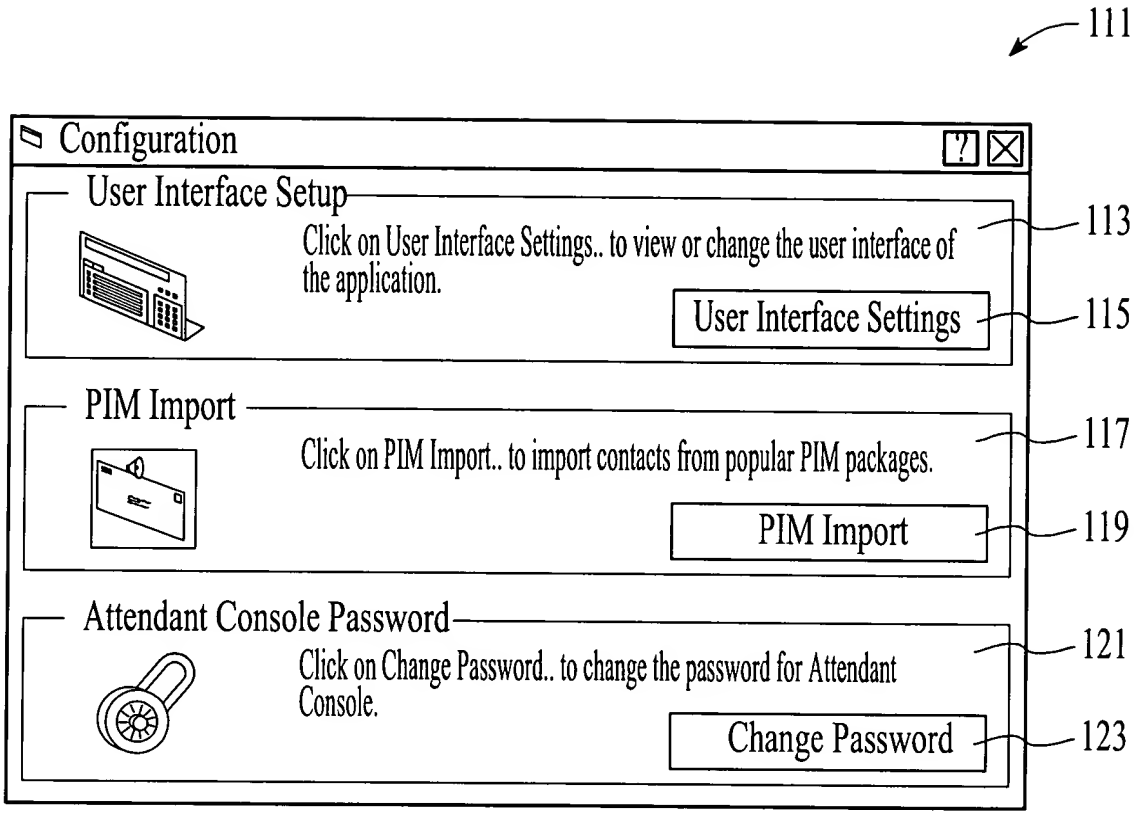

FIG. 7A

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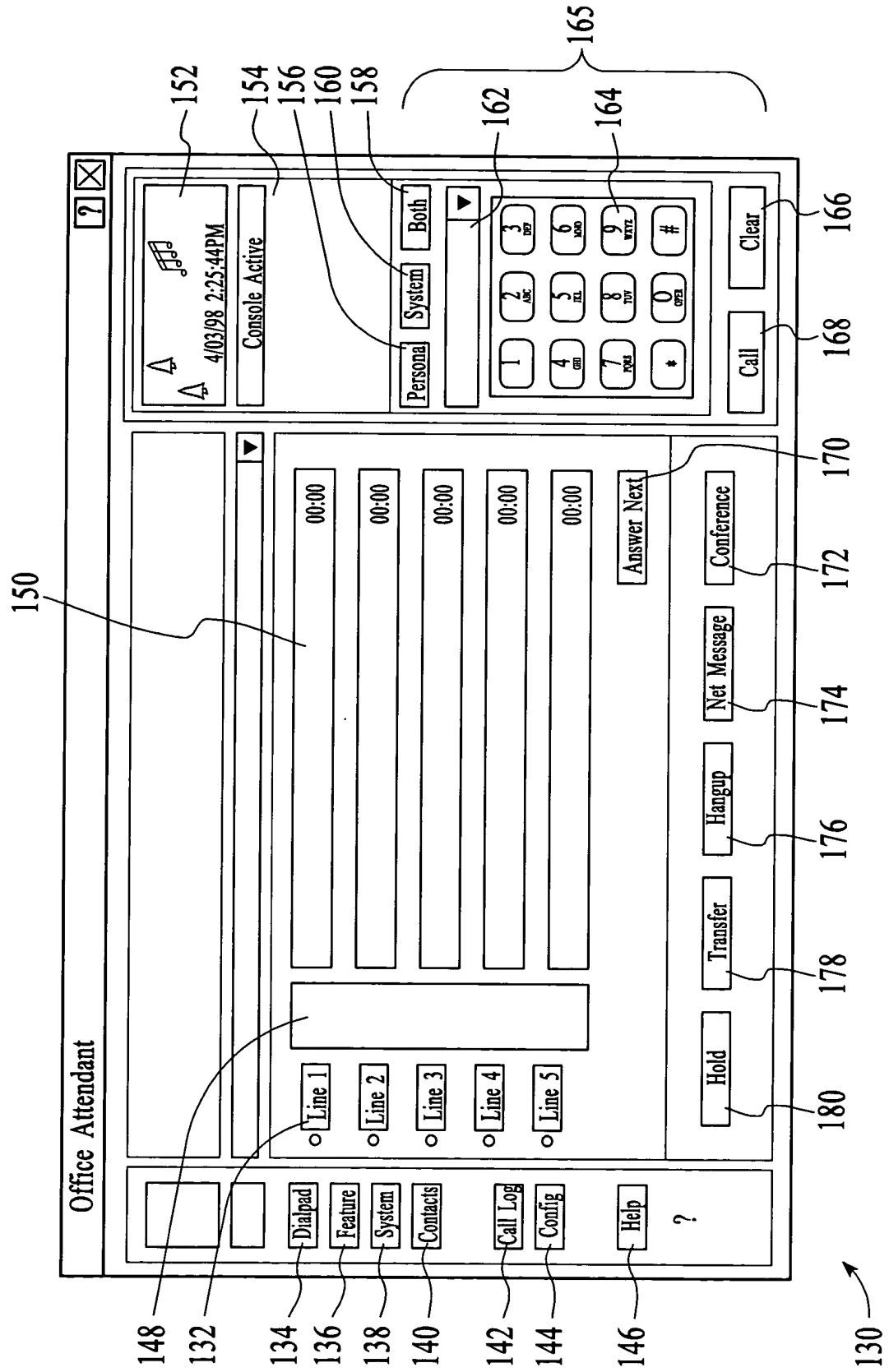

FIG. 8A

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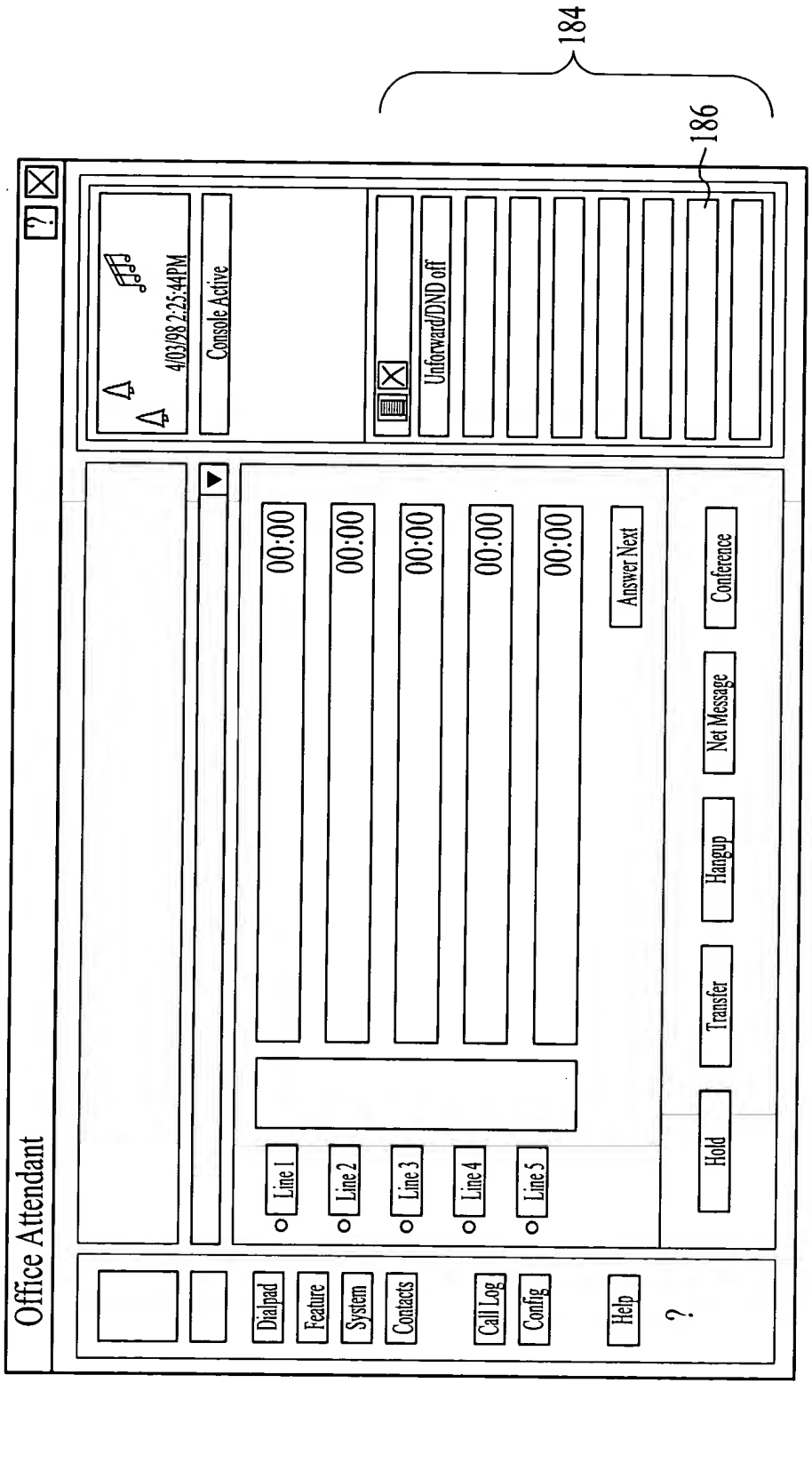

FIG. 8B

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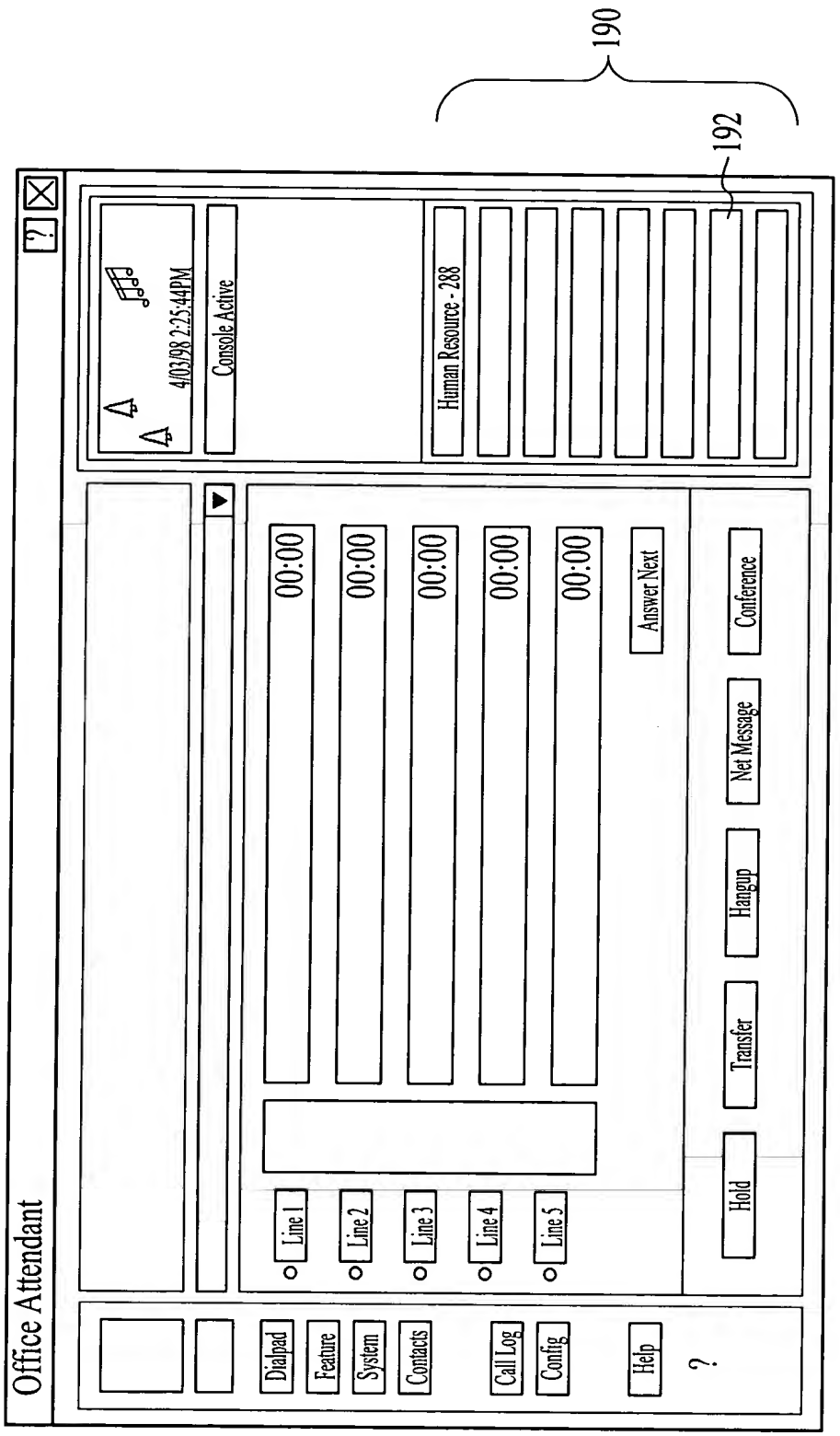

FIG. 8C

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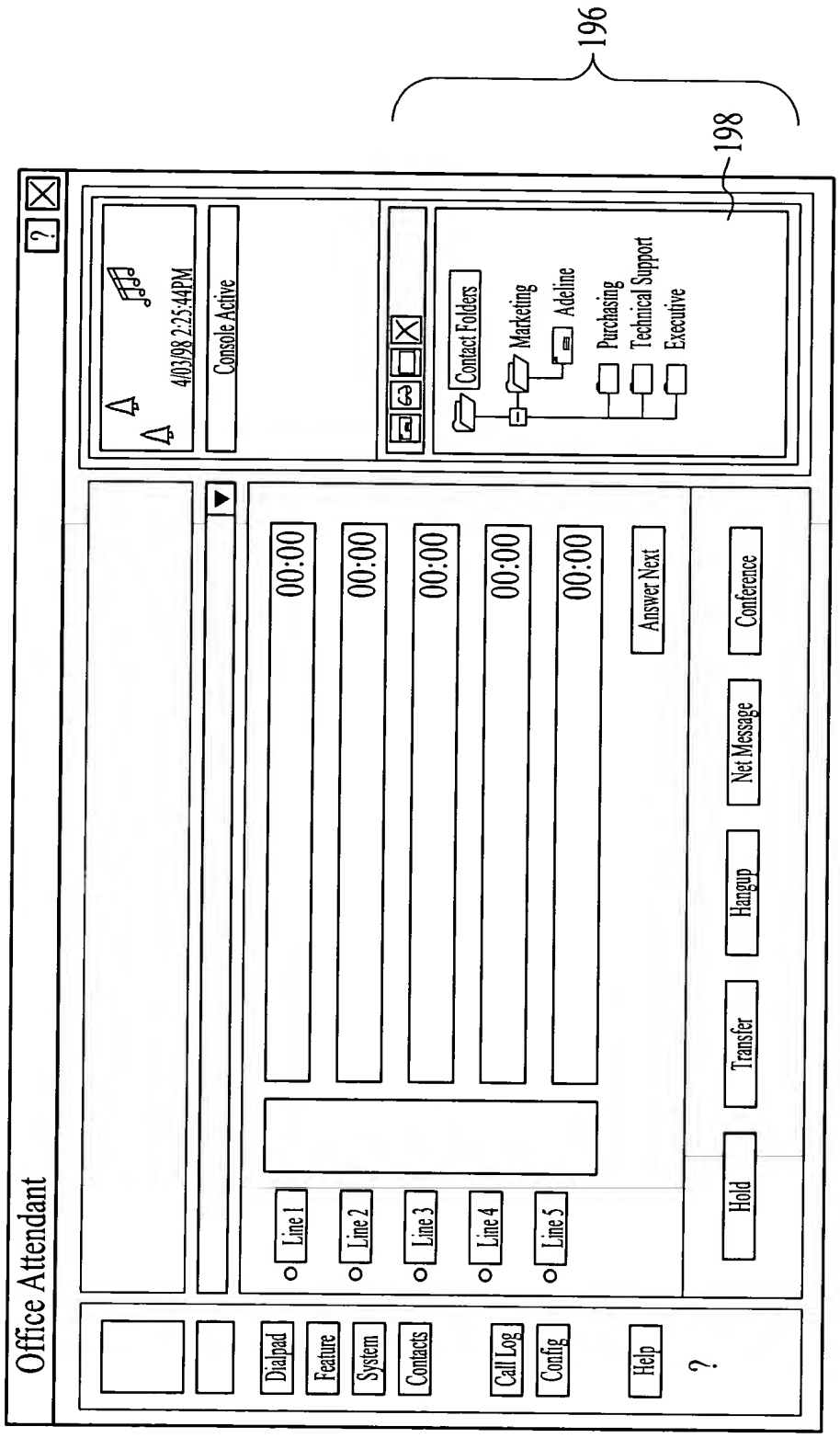

FIG. 8D

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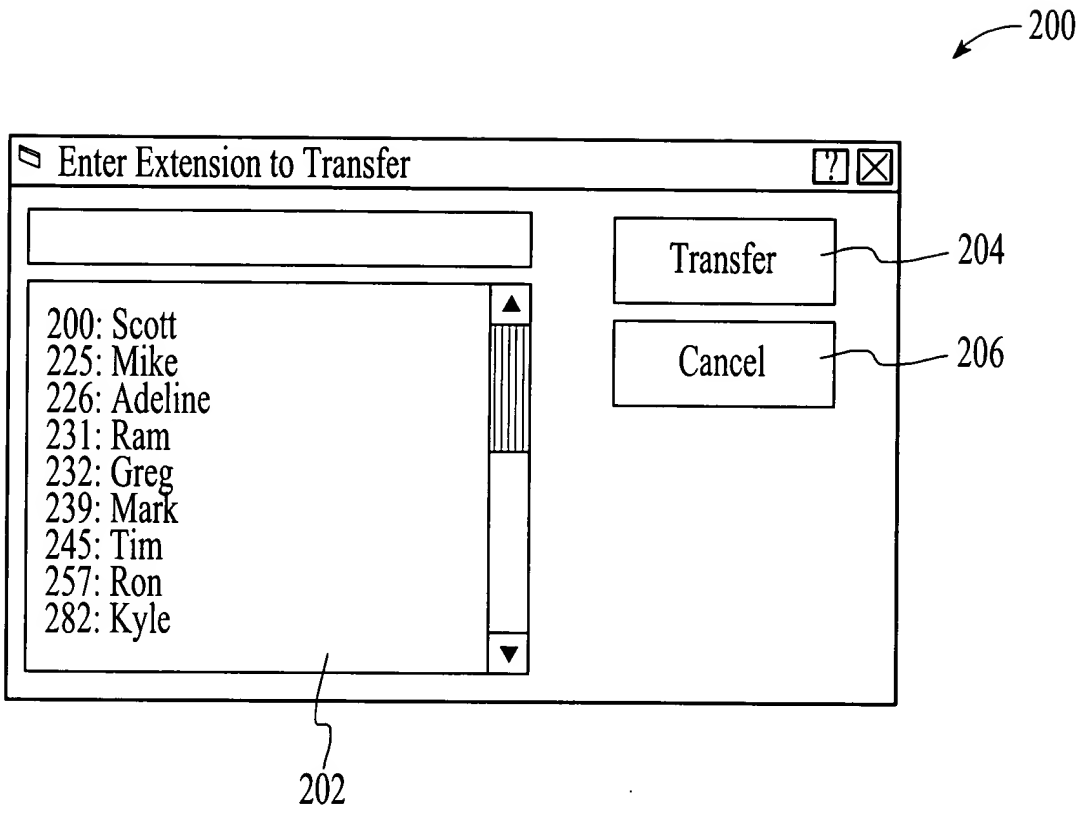

FIG. 9A

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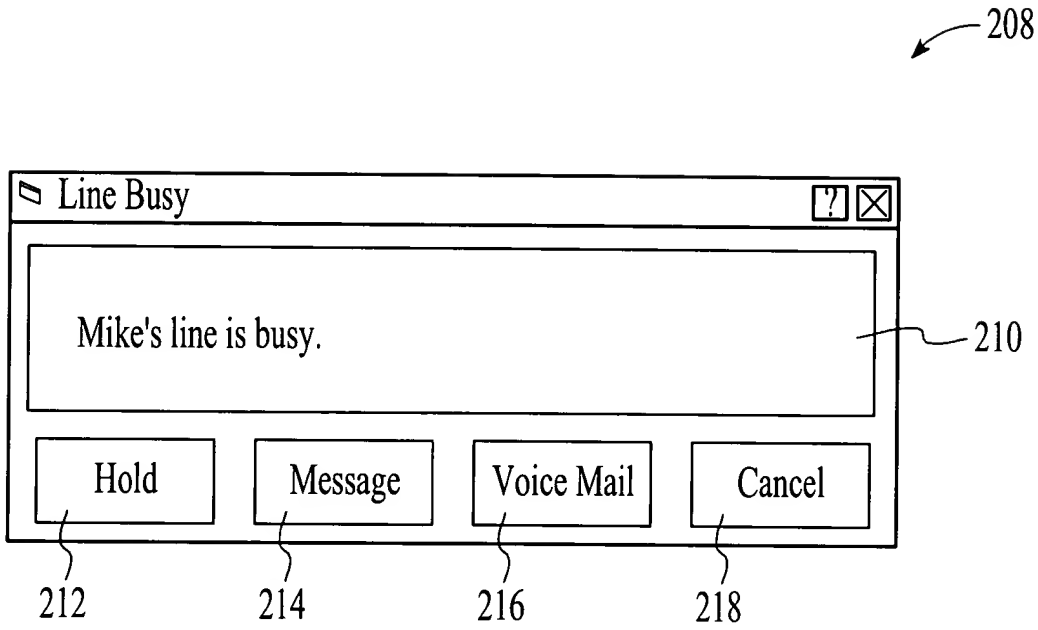

FIG. 9B

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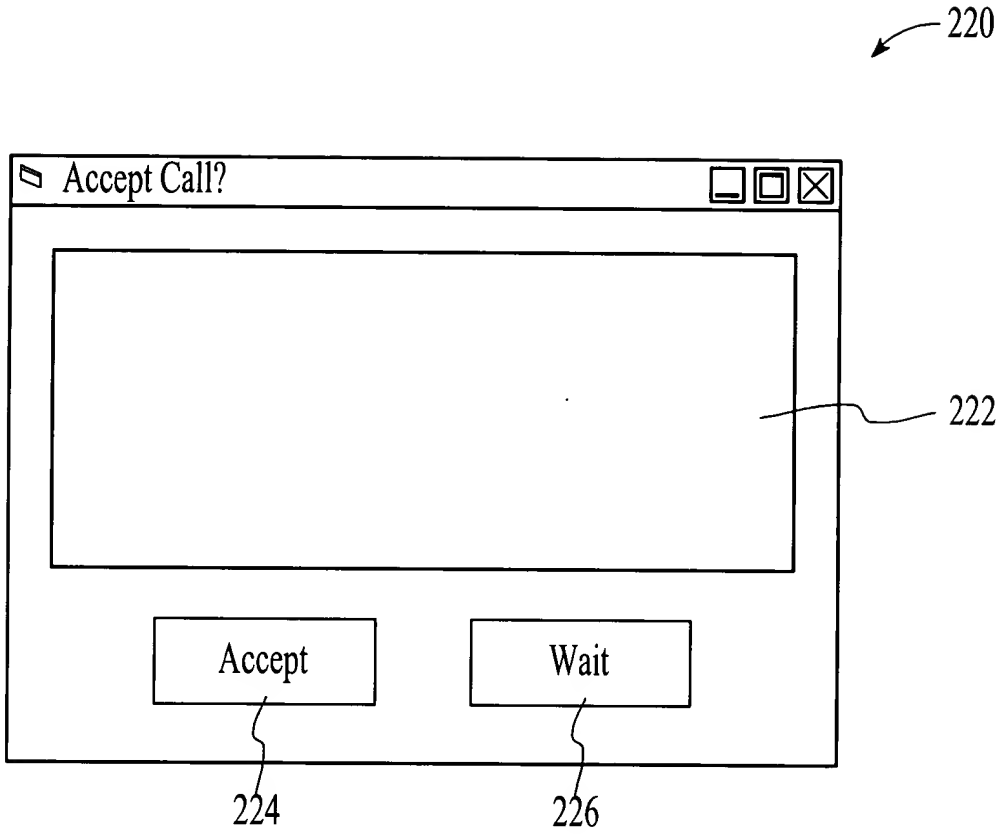

FIG. 9C

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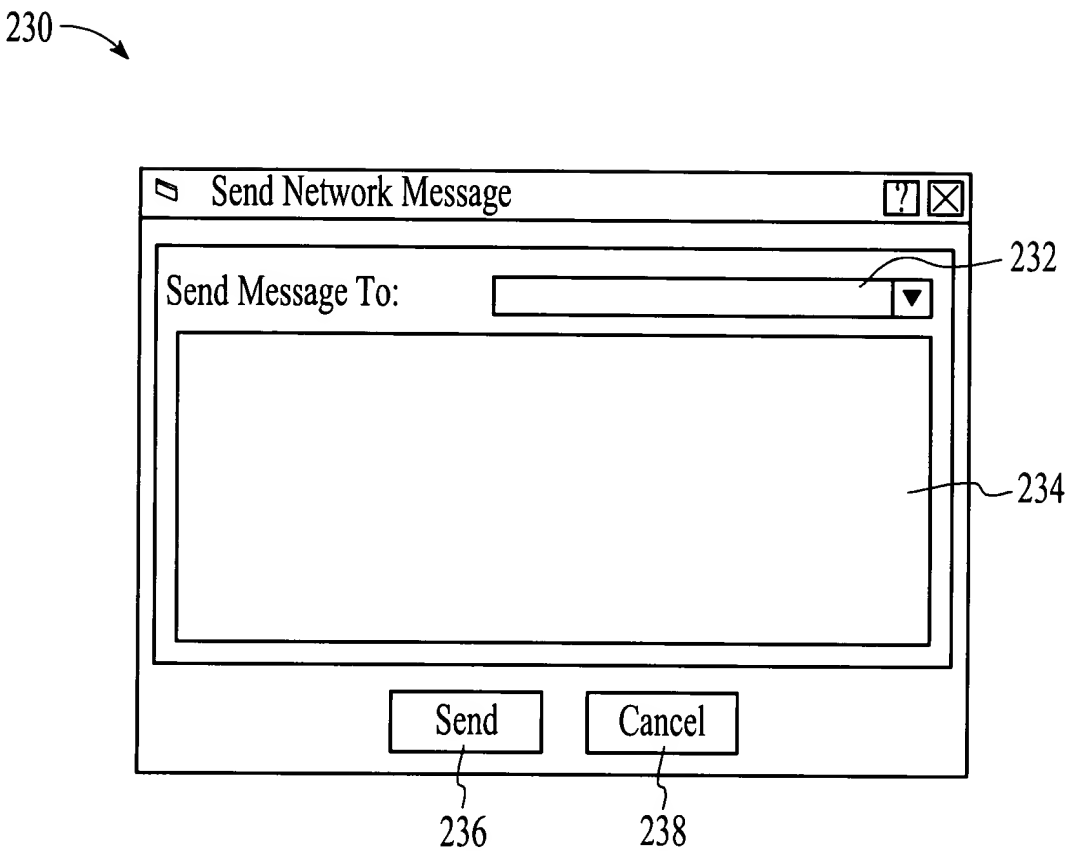

FIG. 10A

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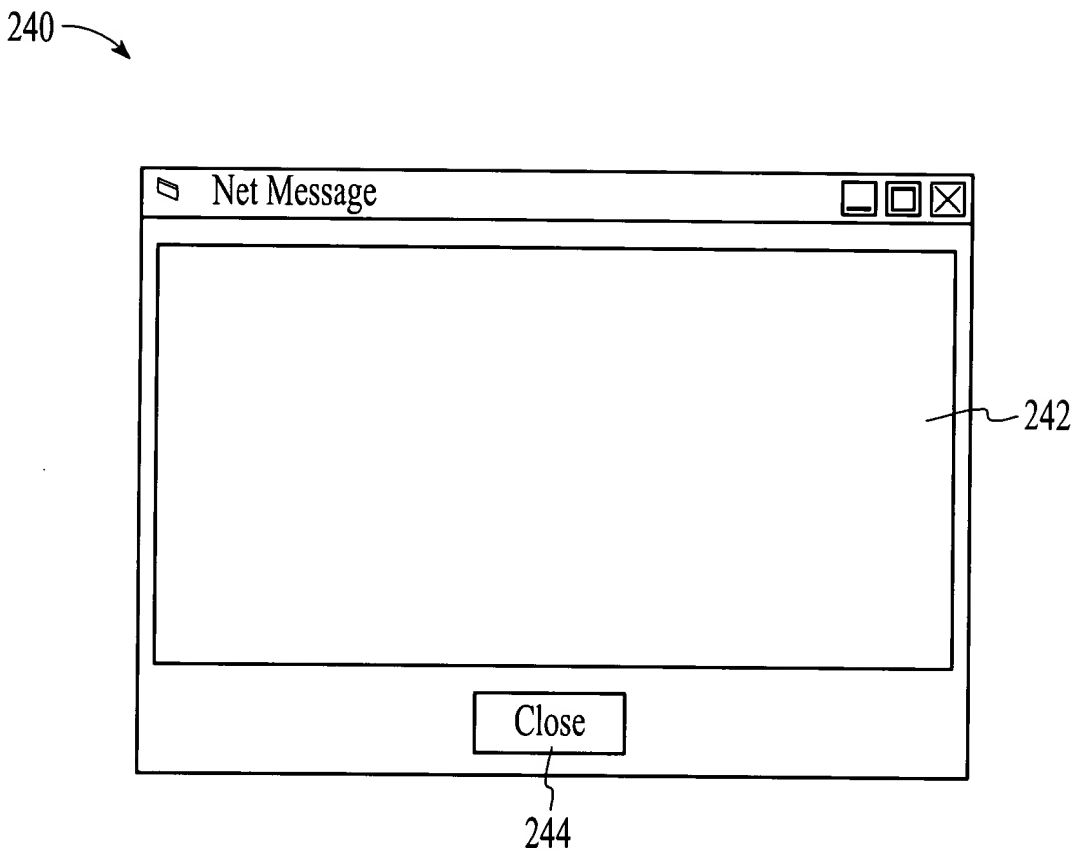

FIG. 10B

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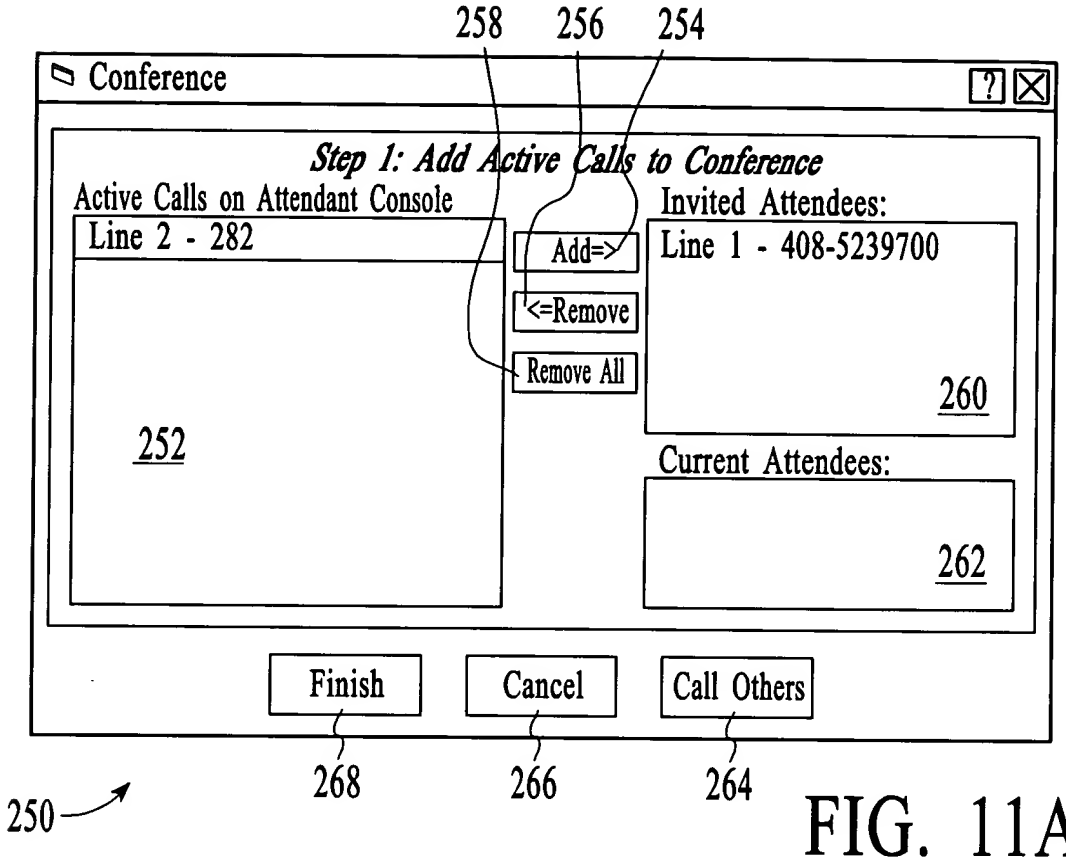

FIG. 11A

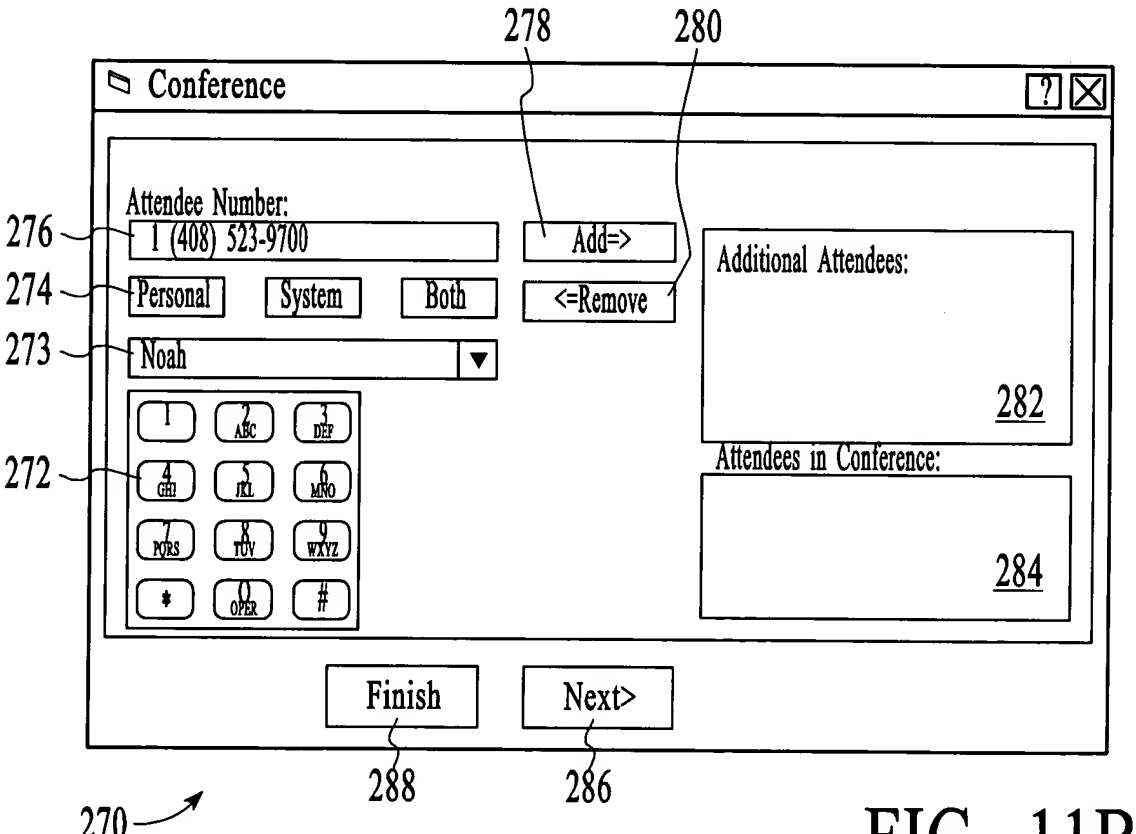

FIG. 11B

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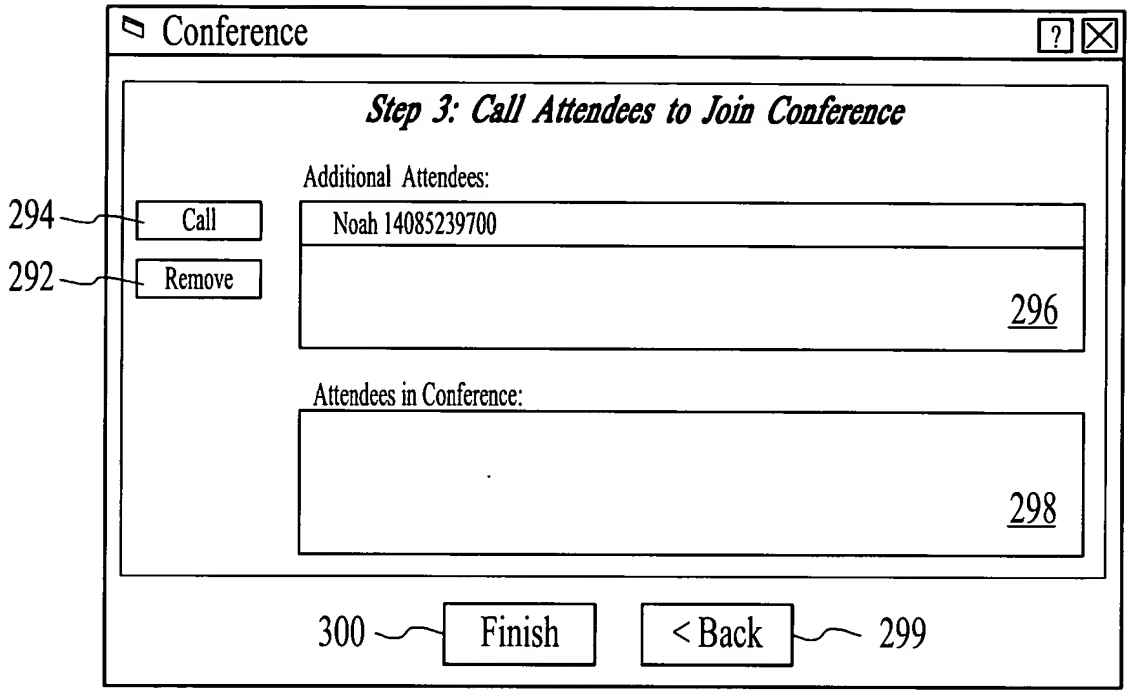

FIG. 11C

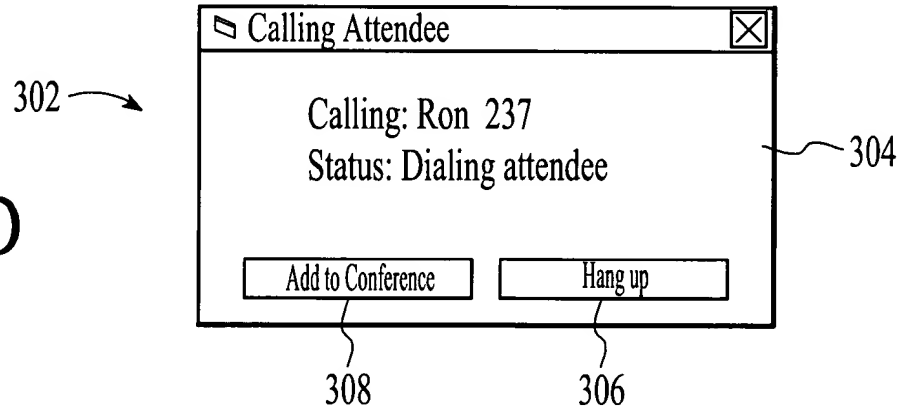

FIG. 11D

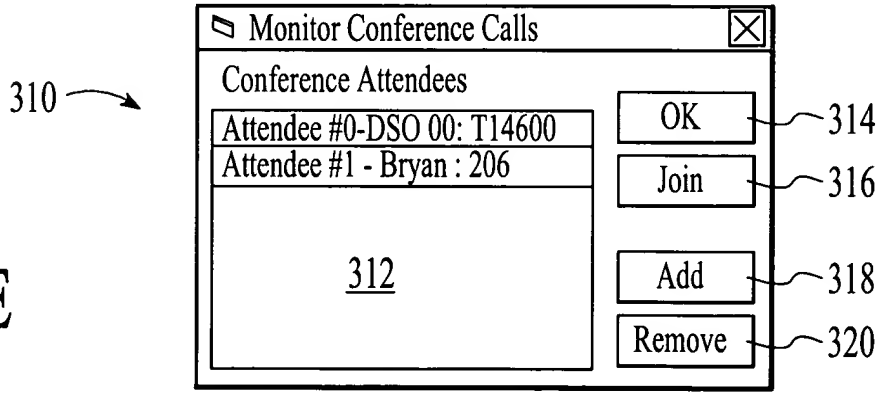

FIG. 11E

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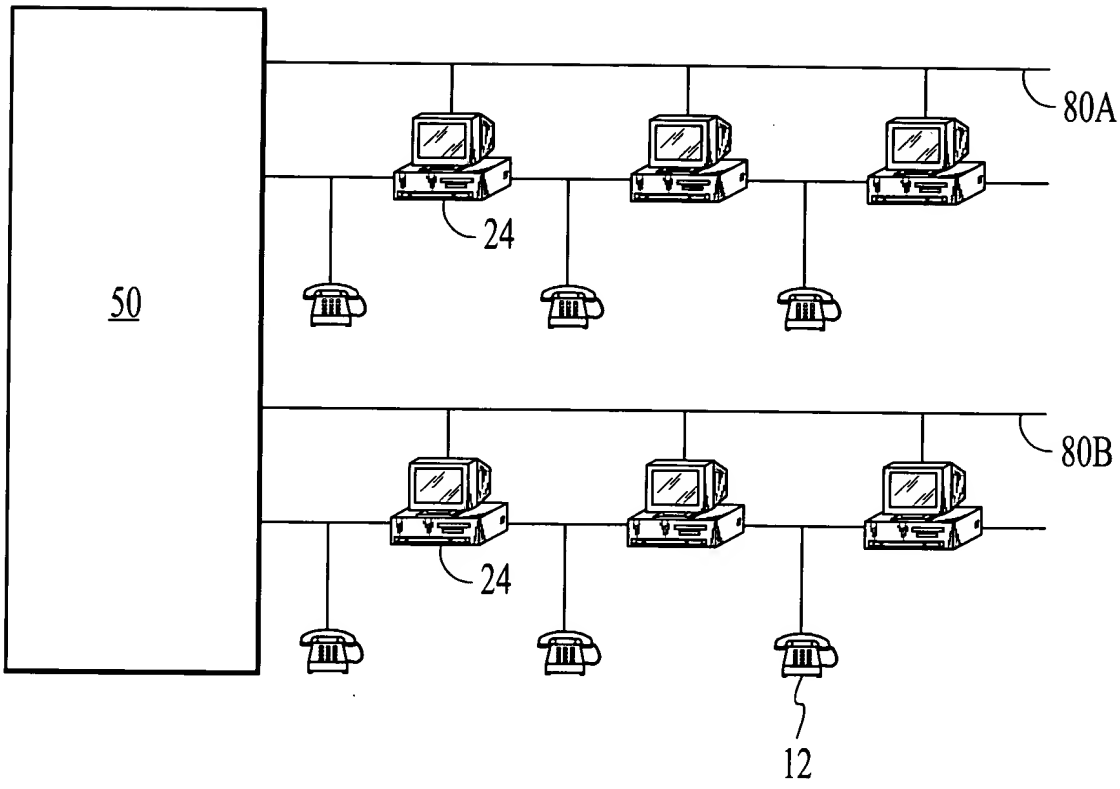

FIG. 12

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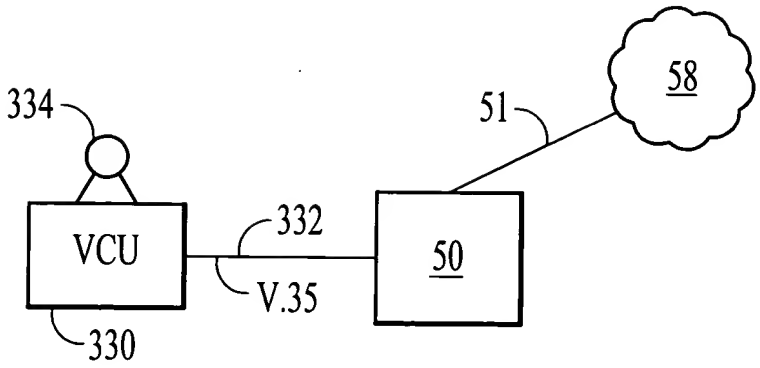

FIG. 13A

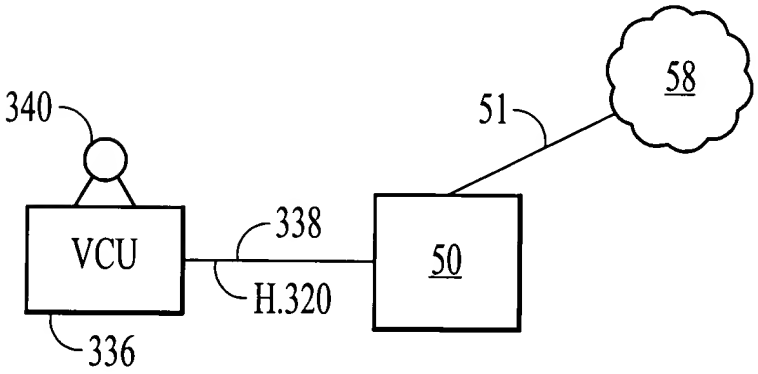

FIG. 13B

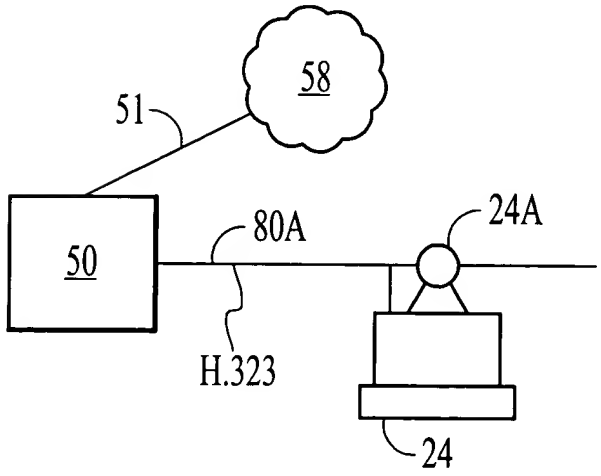

FIG. 13C

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PATENT & TRADEMARK OFFICE

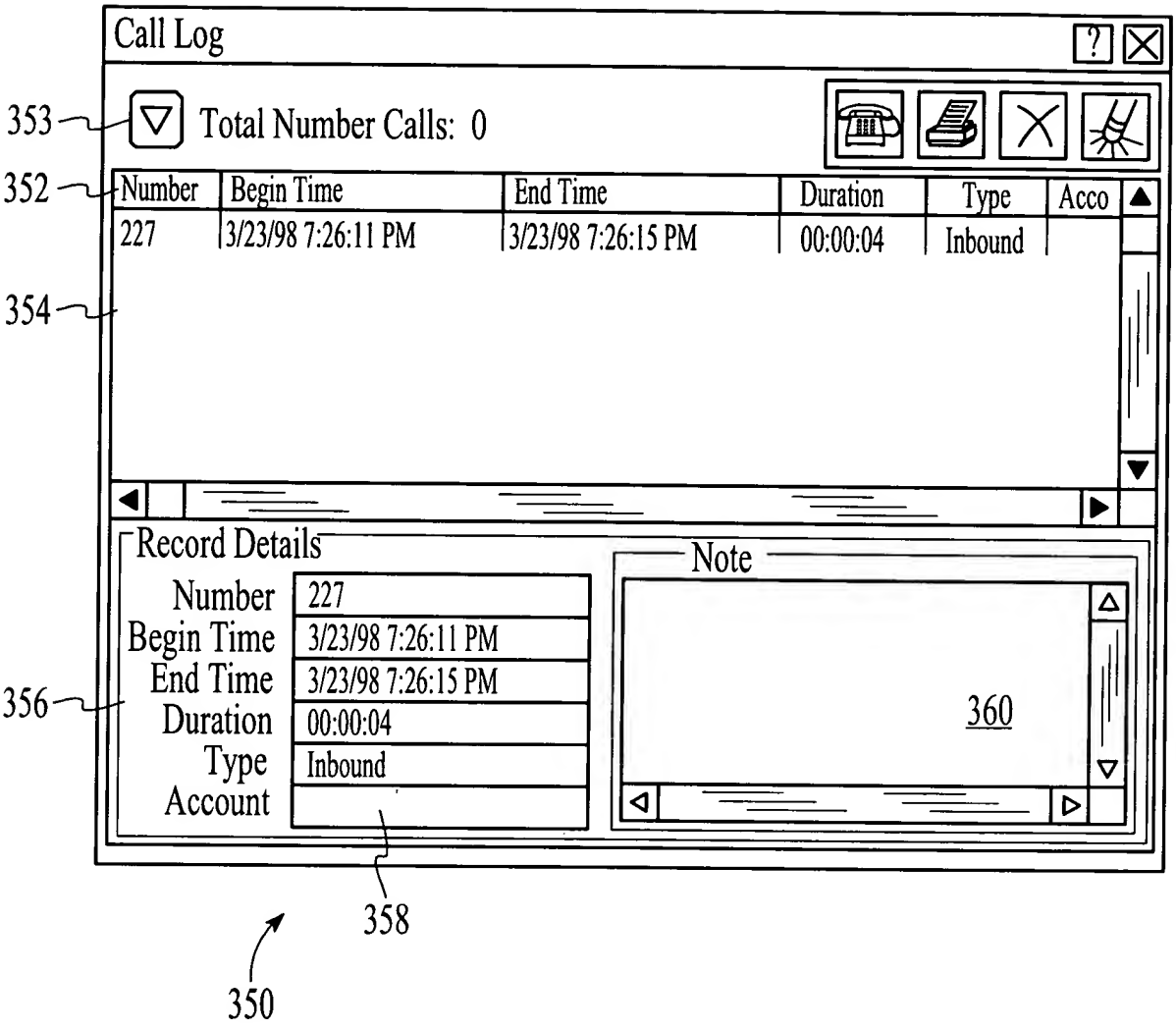

FIG. 14

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& TRADEMARK

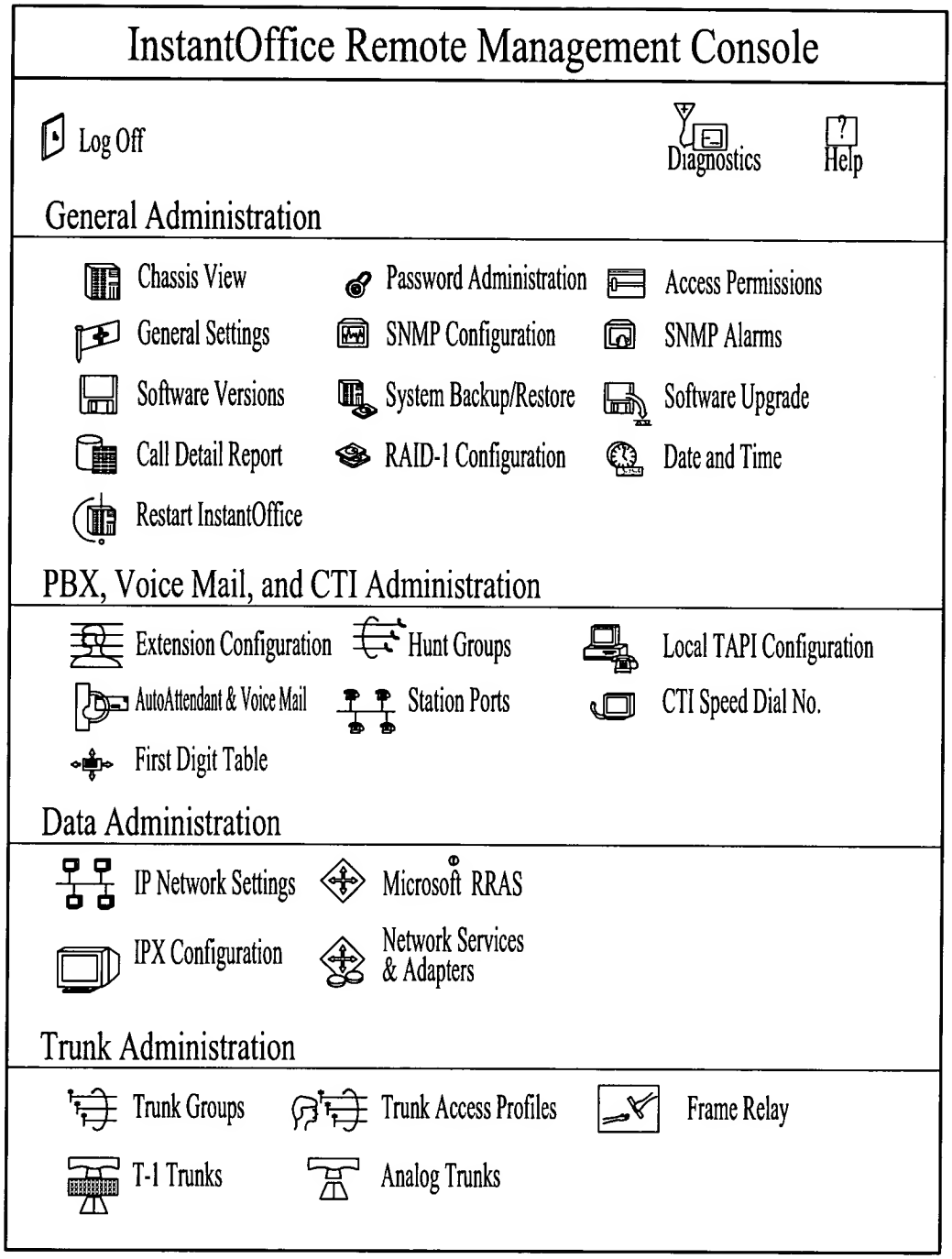

FIG. 15

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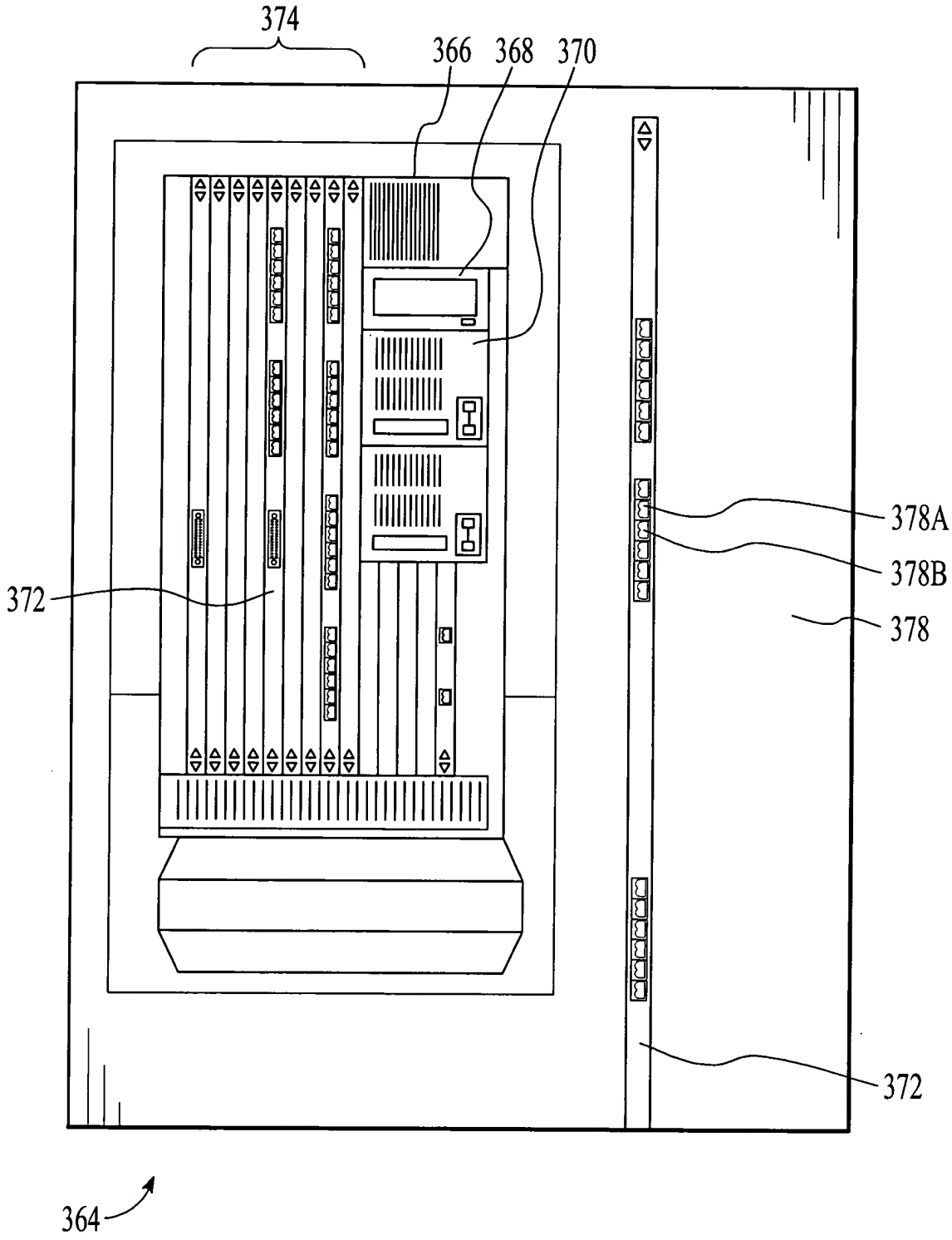

FIG. 16A

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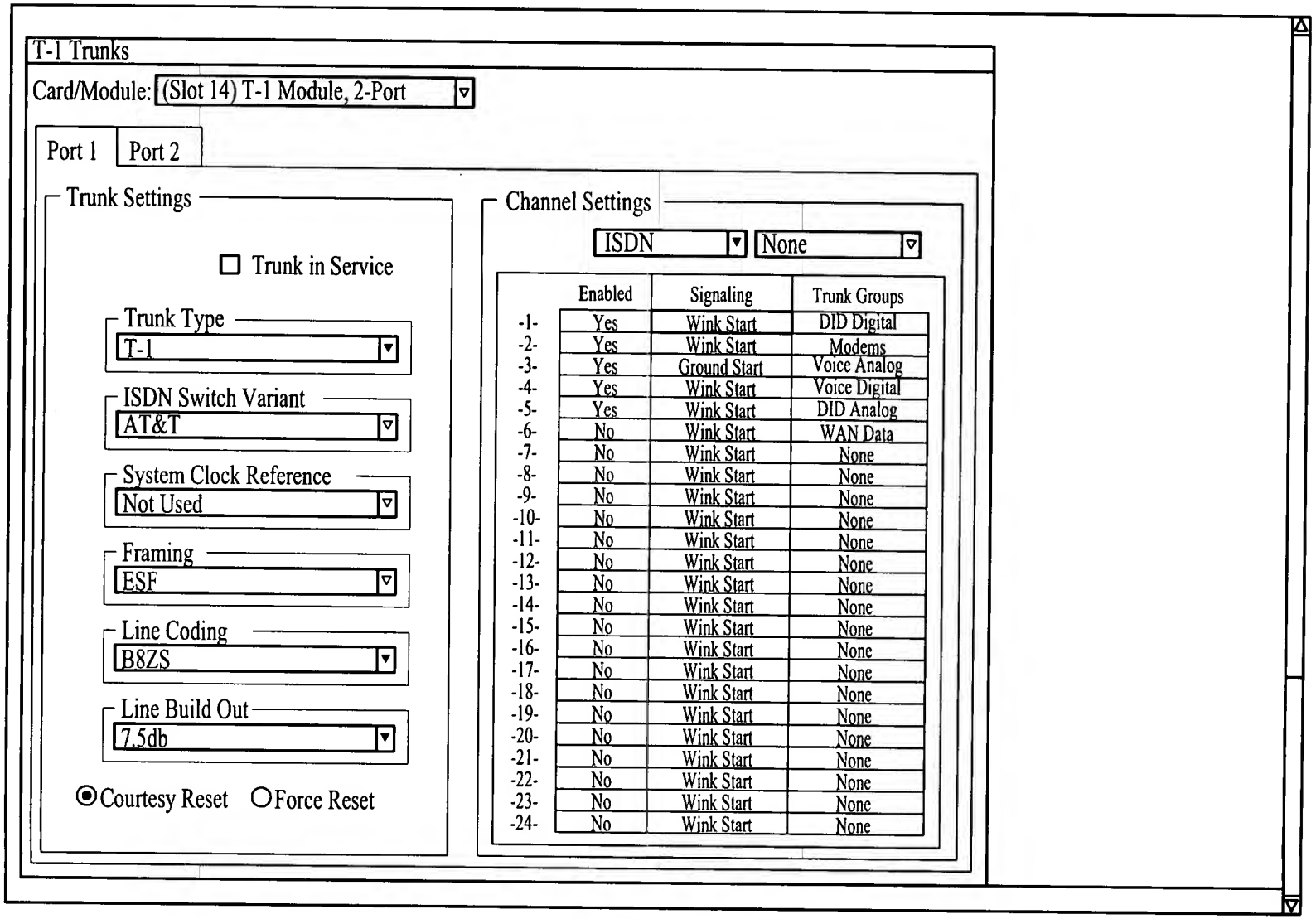

FIG. 16B

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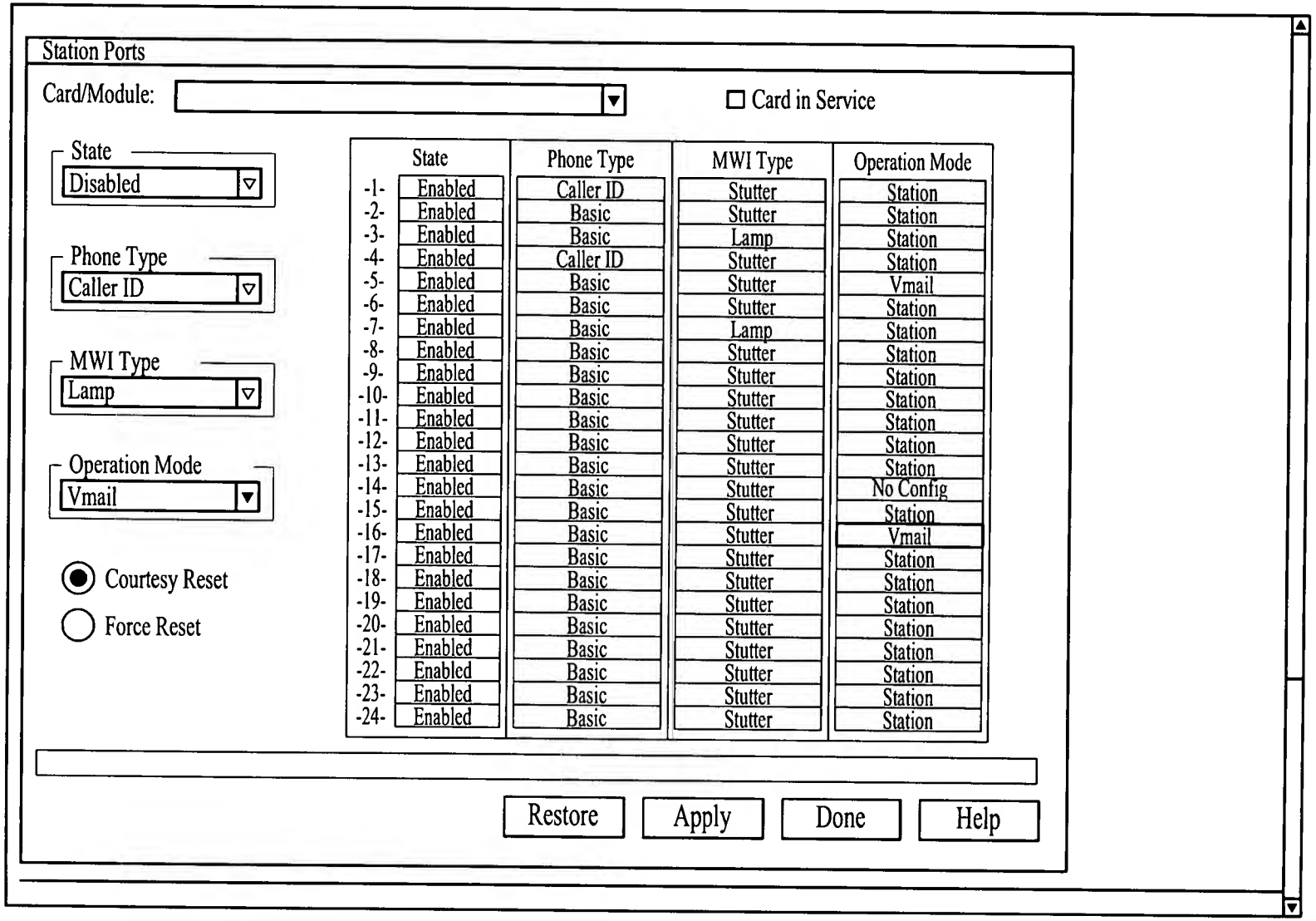

	State	Phone Type	MWI Type	Operation Mode
-1-	Enabled	Caller ID	Stutter	Station
-2-	Enabled	Basic	Stutter	Station
-3-	Enabled	Basic	Lamp	Station
-4-	Enabled	Caller ID	Stutter	Station
-5-	Enabled	Basic	Stutter	Vmail
-6-	Enabled	Basic	Stutter	Station
-7-	Enabled	Basic	Lamp	Station
-8-	Enabled	Basic	Stutter	Station
-9-	Enabled	Basic	Stutter	Station
-10-	Enabled	Basic	Stutter	Station
-11-	Enabled	Basic	Stutter	Station
-12-	Enabled	Basic	Stutter	Station
-13-	Enabled	Basic	Stutter	Station
-14-	Enabled	Basic	Stutter	No Config
-15-	Enabled	Basic	Stutter	Station
-16-	Enabled	Basic	Stutter	Vmail
-17-	Enabled	Basic	Stutter	Station
-18-	Enabled	Basic	Stutter	Station
-19-	Enabled	Basic	Stutter	Station
-20-	Enabled	Basic	Stutter	Station
-21-	Enabled	Basic	Stutter	Station
-22-	Enabled	Basic	Stutter	Station
-23-	Enabled	Basic	Stutter	Station
-24-	Enabled	Basic	Stutter	Station

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FIG. 16C

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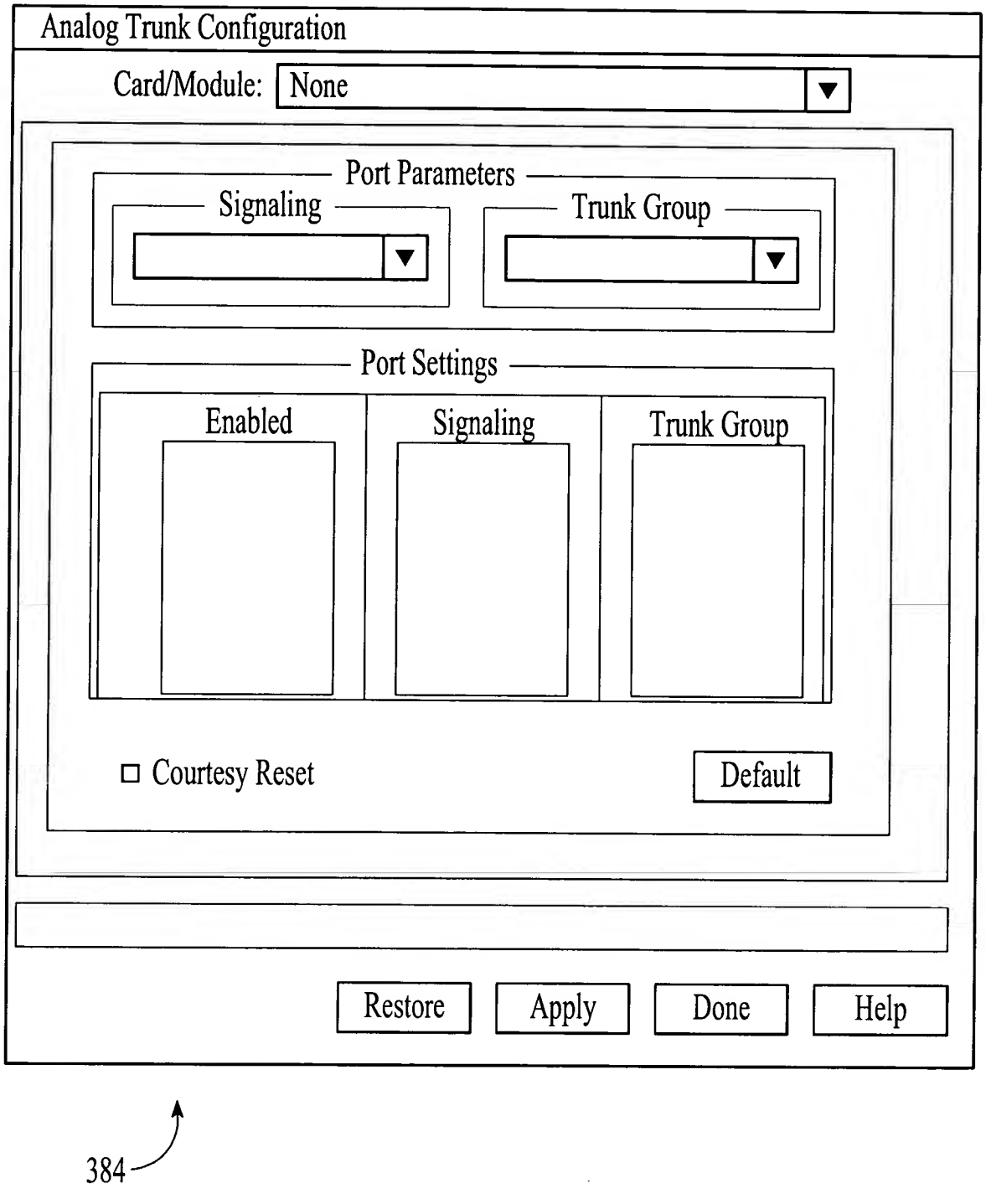

FIG. 16D

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& TRADEM

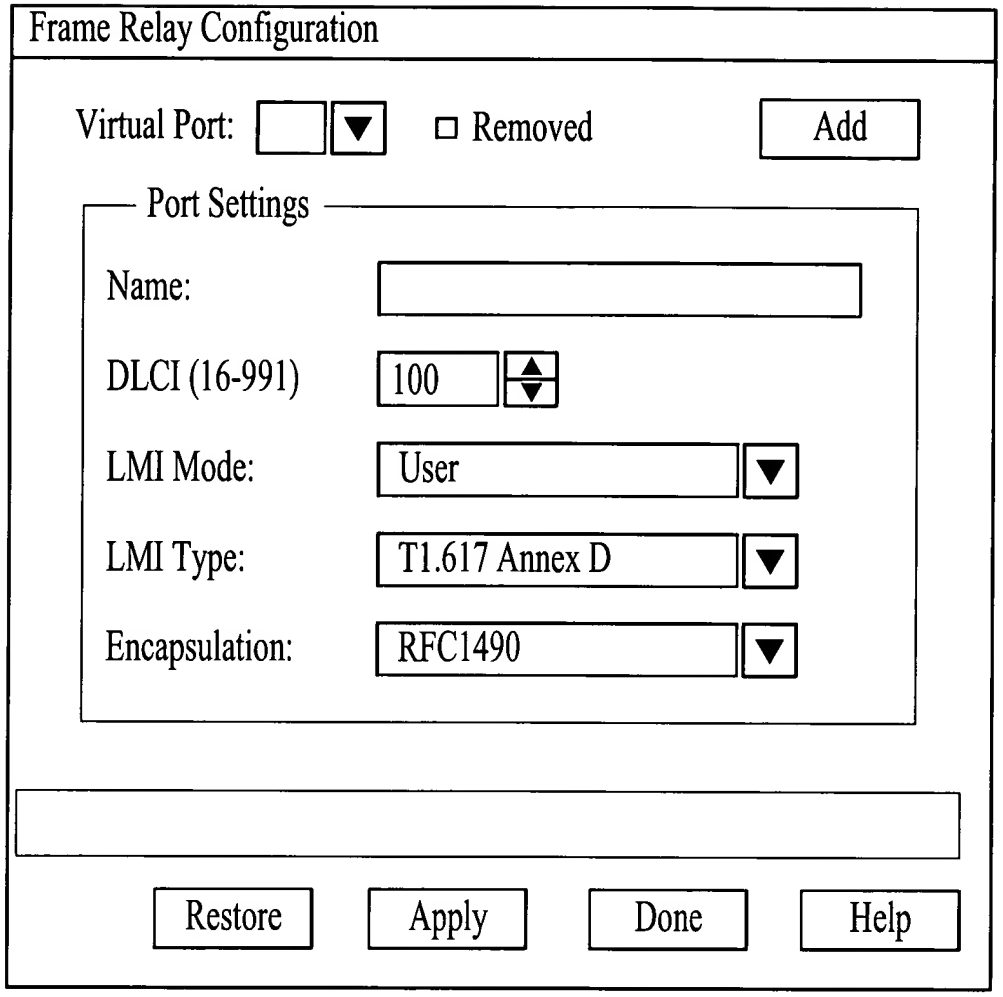

FIG. 16E

NOV 05 2002
& TRADEMARK

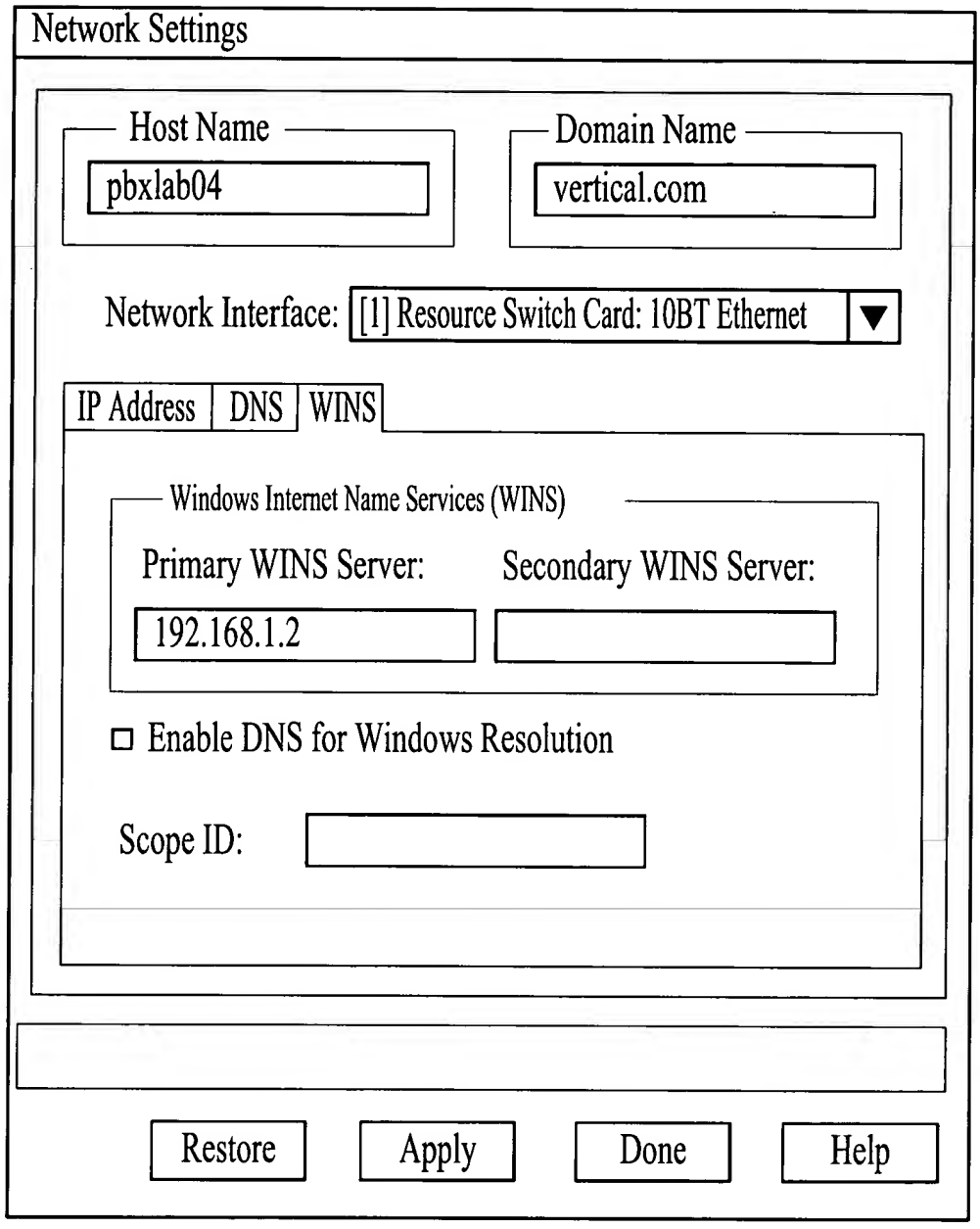

FIG. 16F

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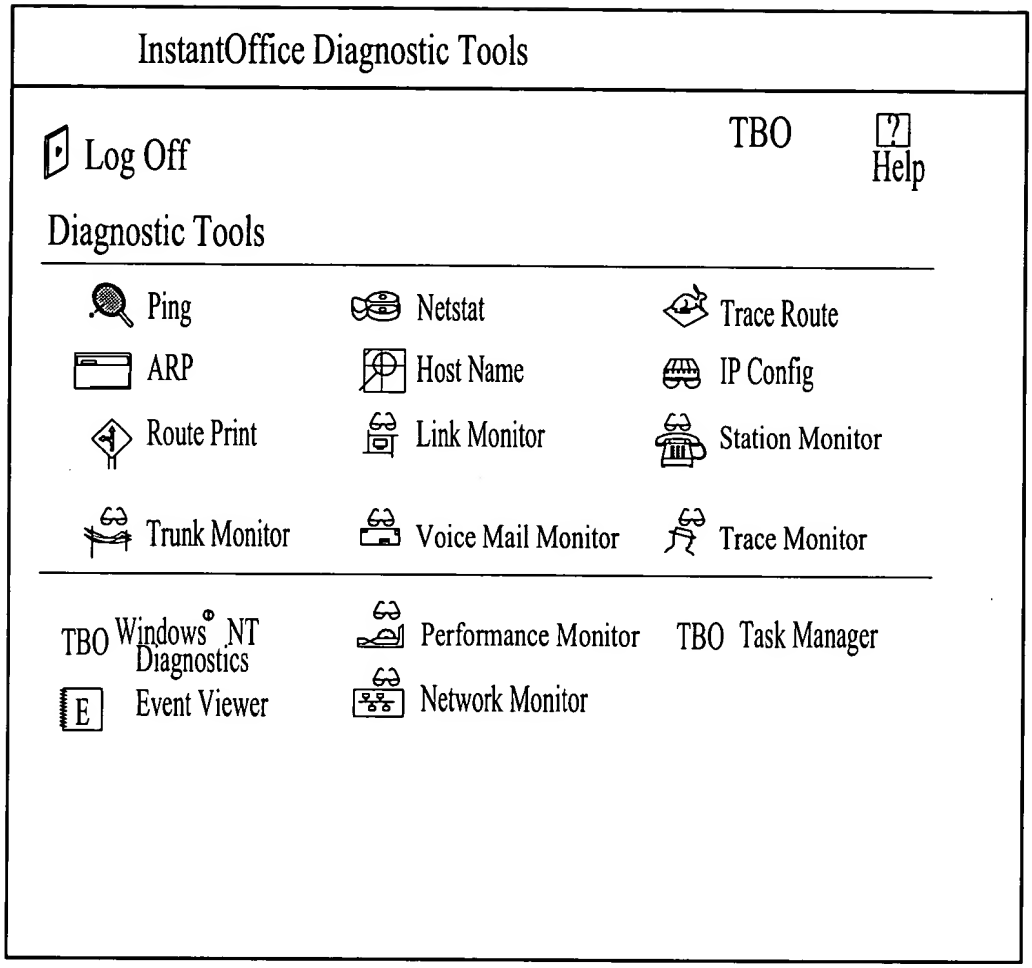

FIG. 17A

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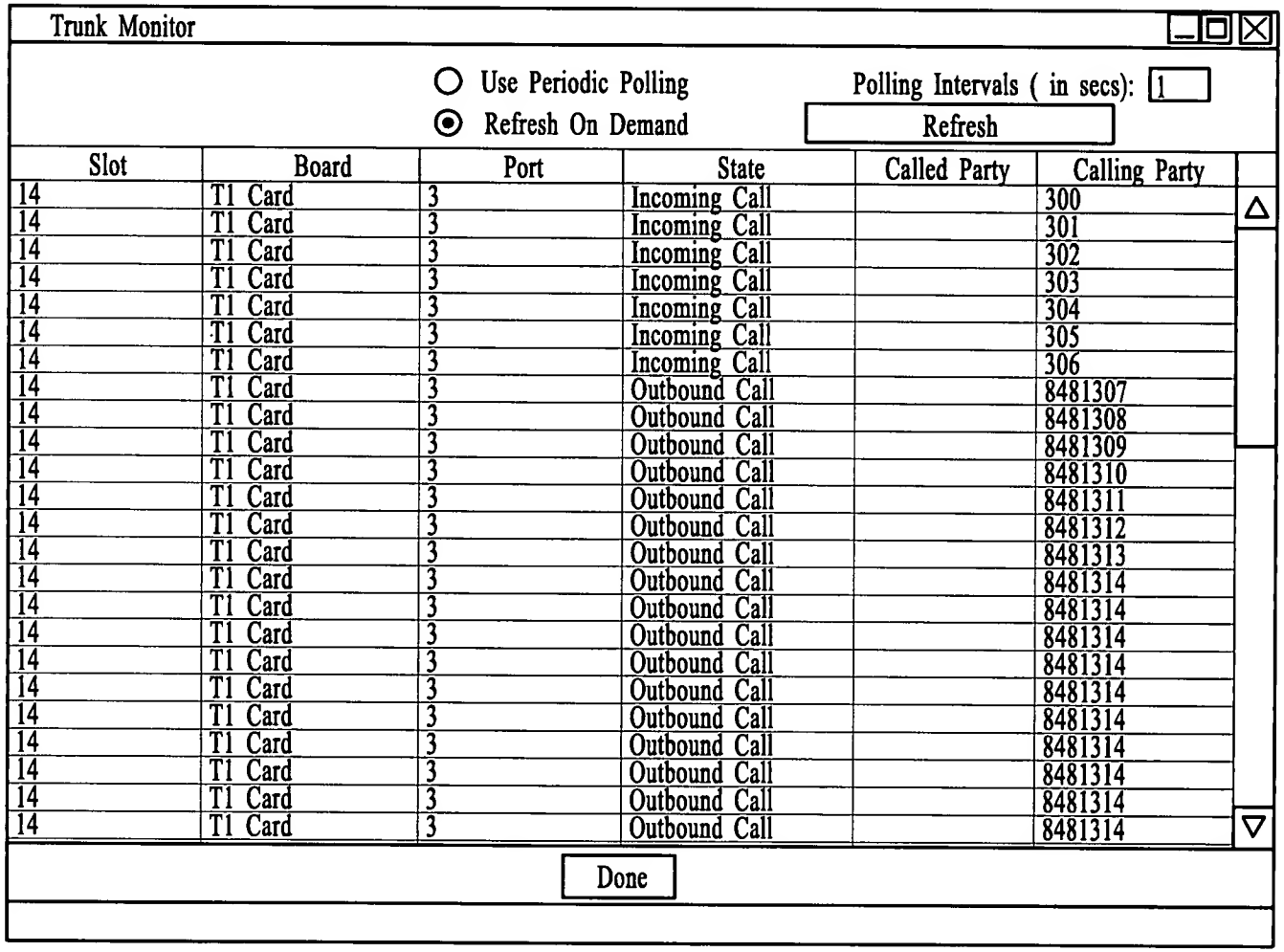

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FIG. 17B

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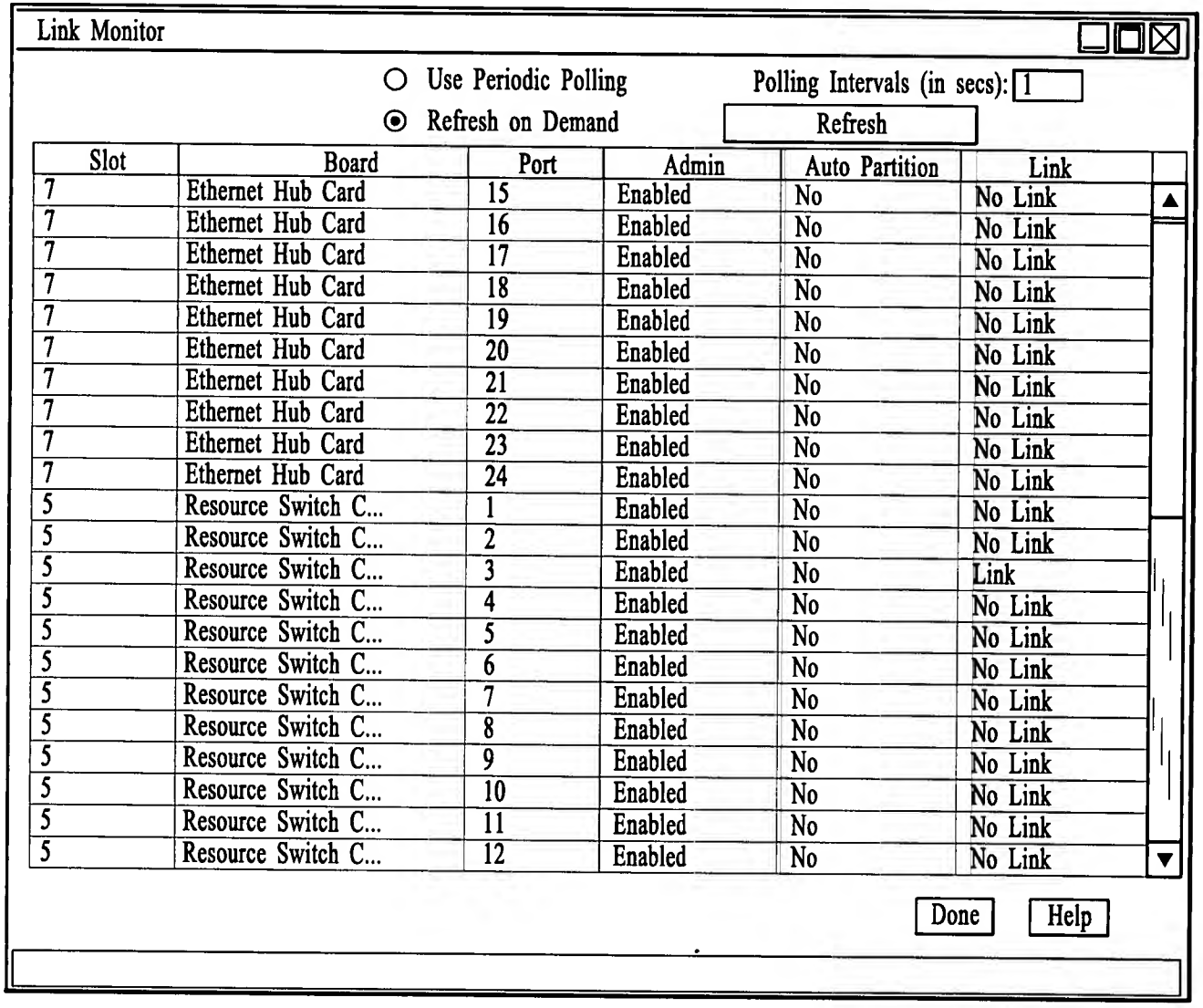

FIG. 17C

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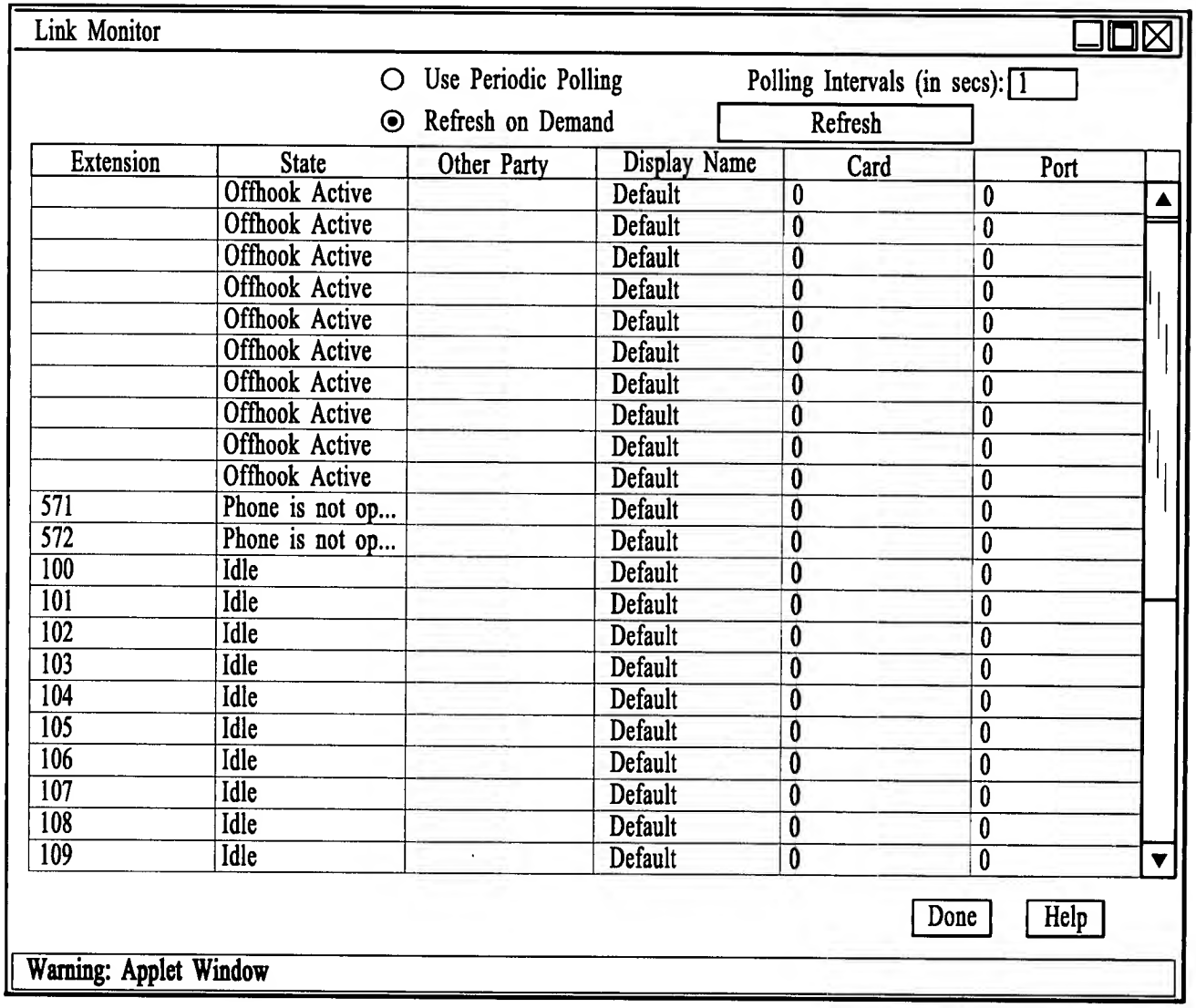

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FIG. 17D

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& TRADEM

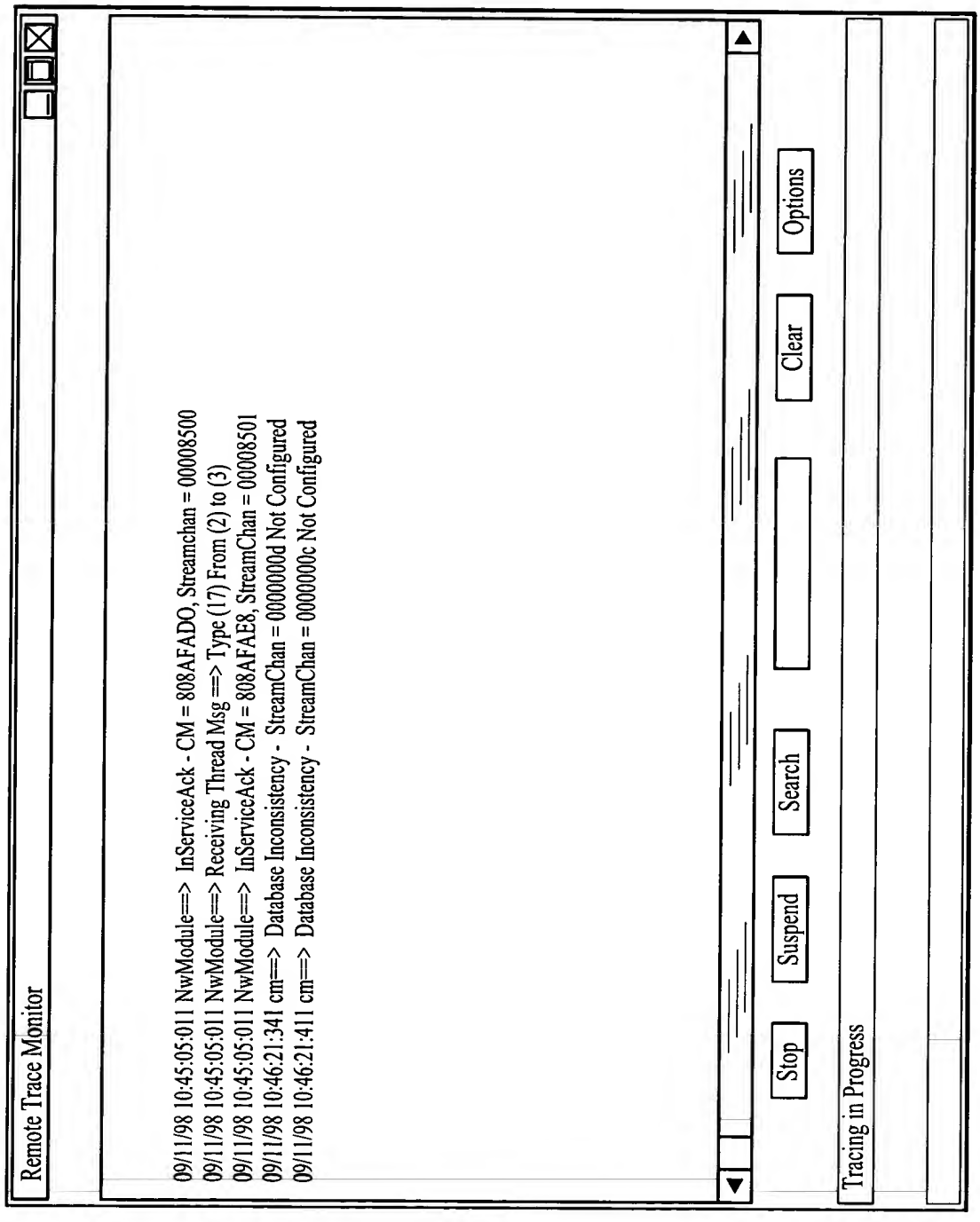

FIG. 17E

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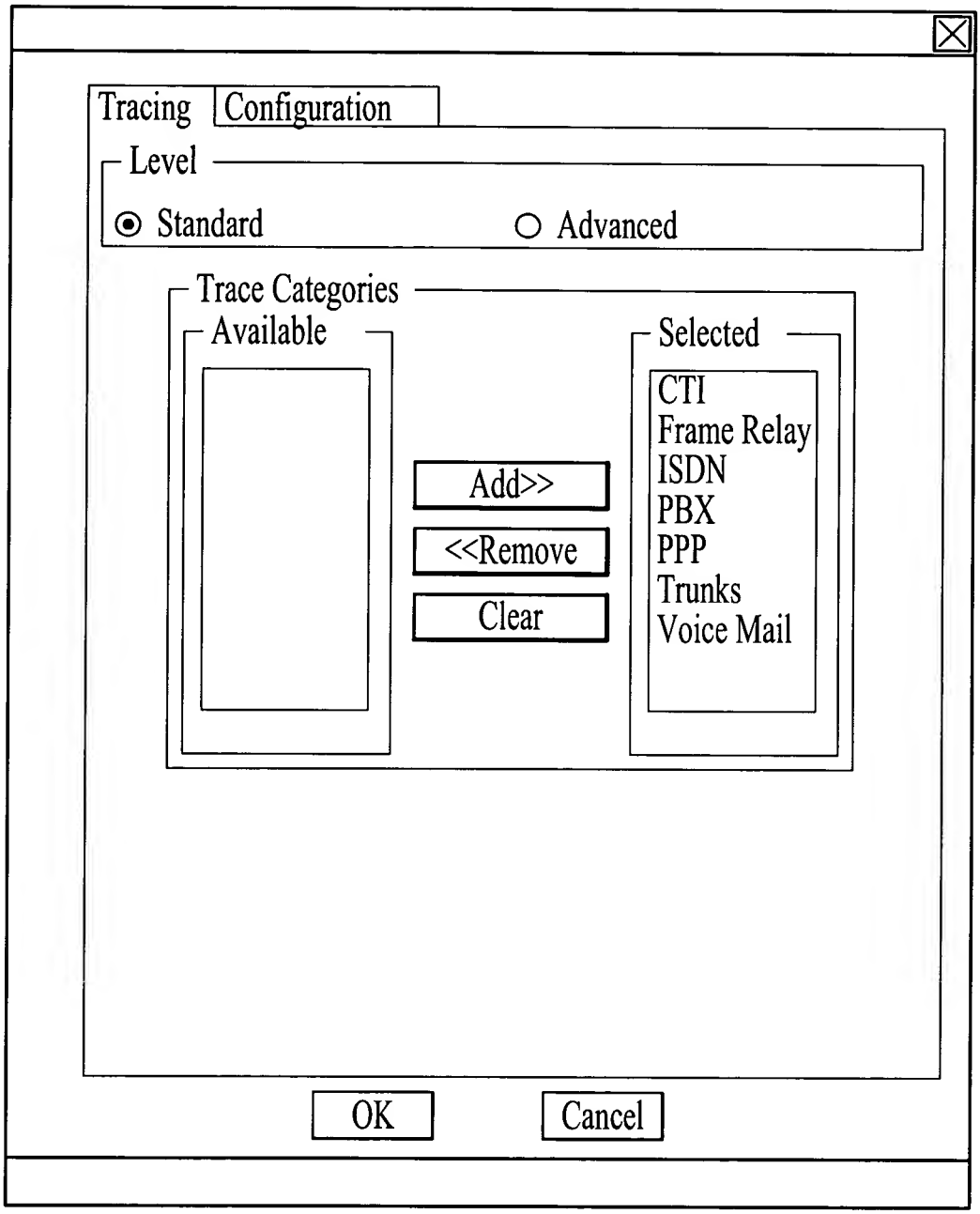

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FIG. 17F

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& TRADEMARK

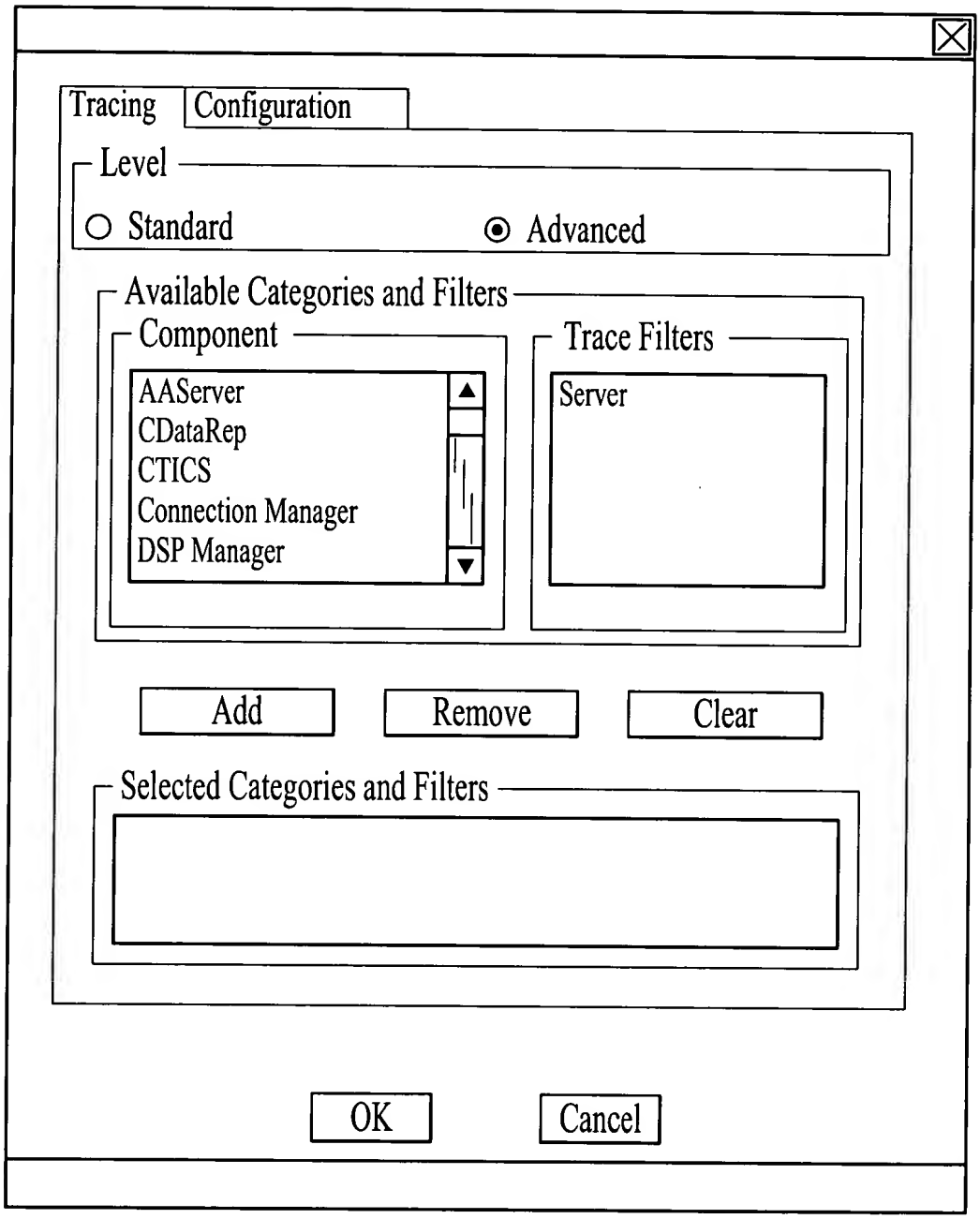

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FIG. 17G

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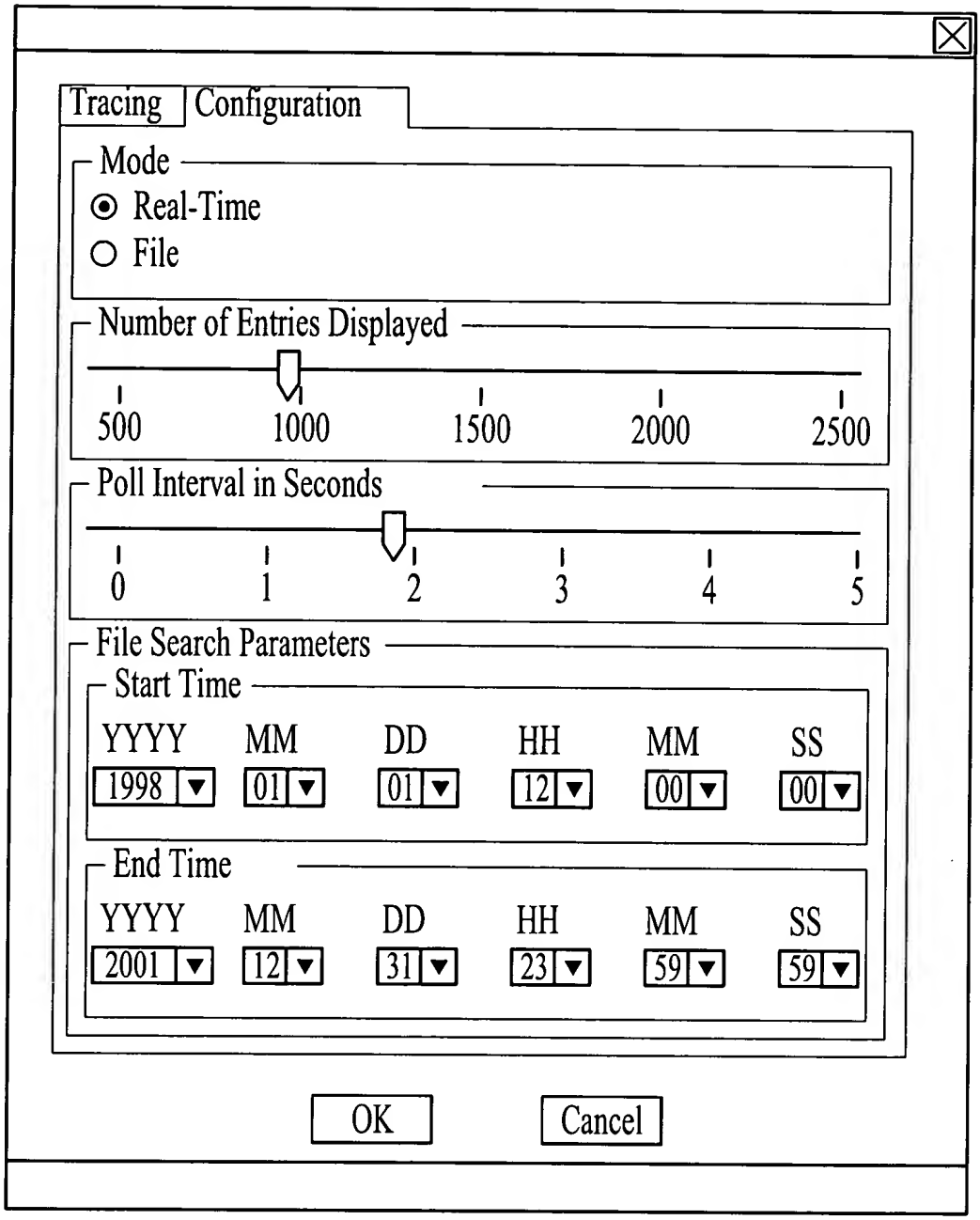

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FIG. 17H

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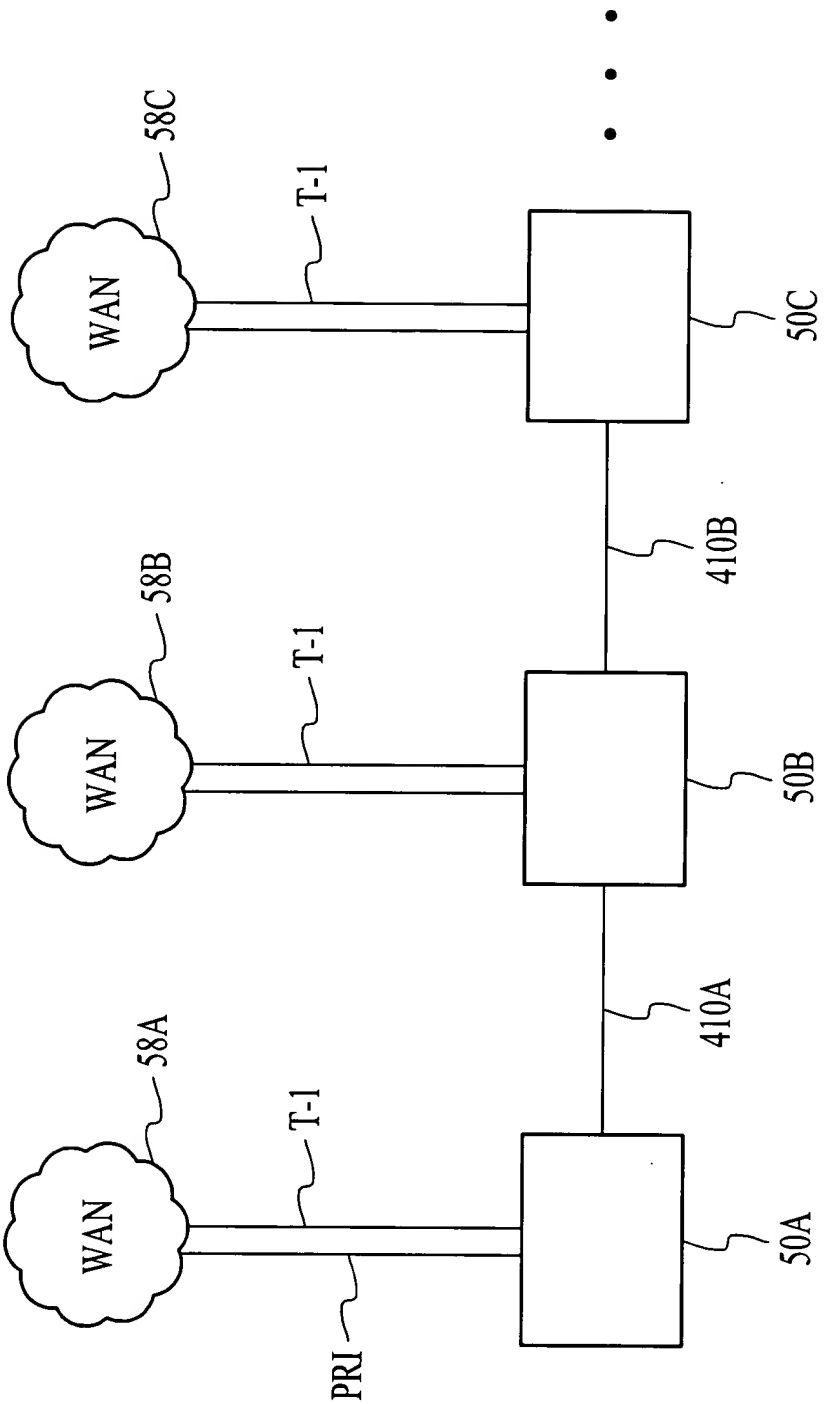

FIG. 18

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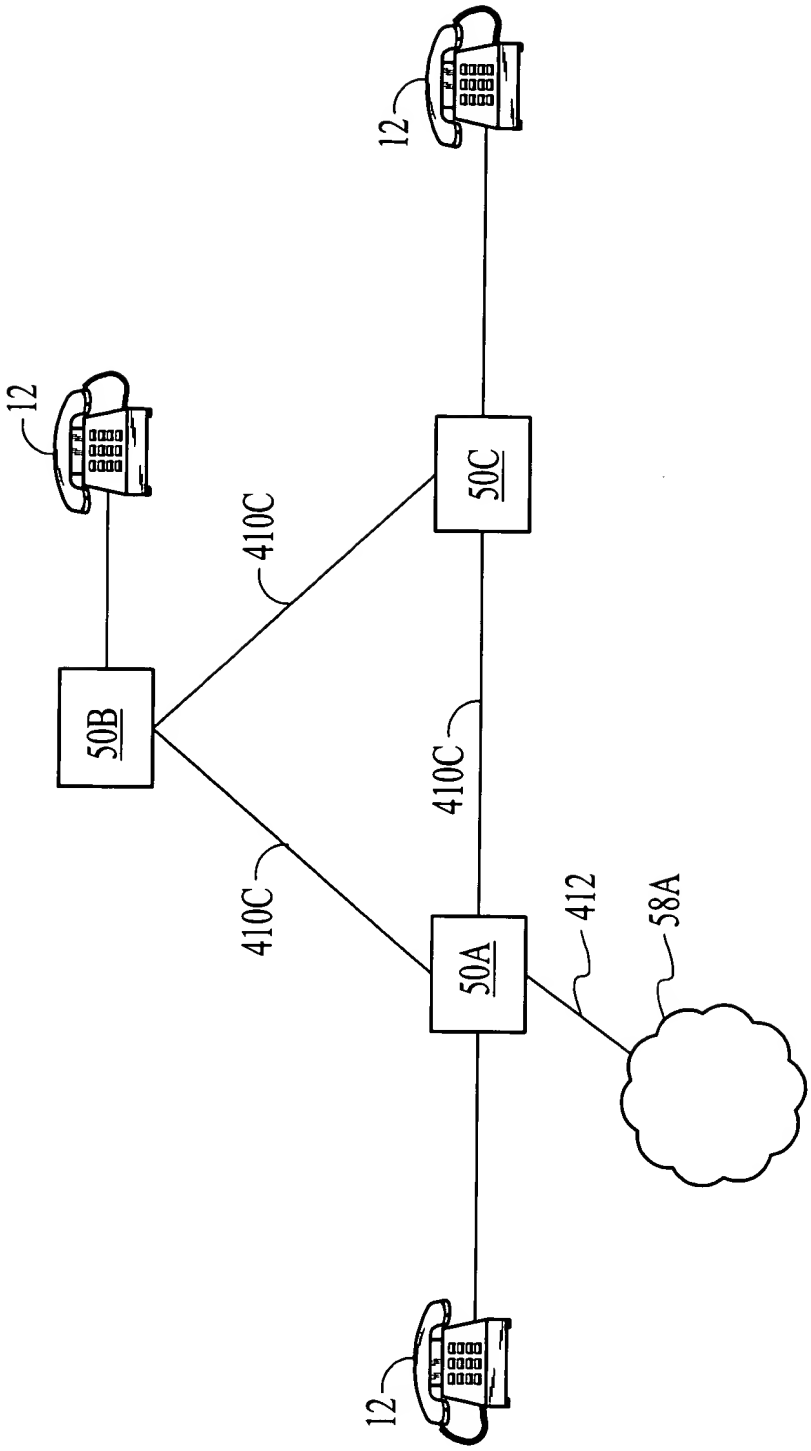

FIG. 19

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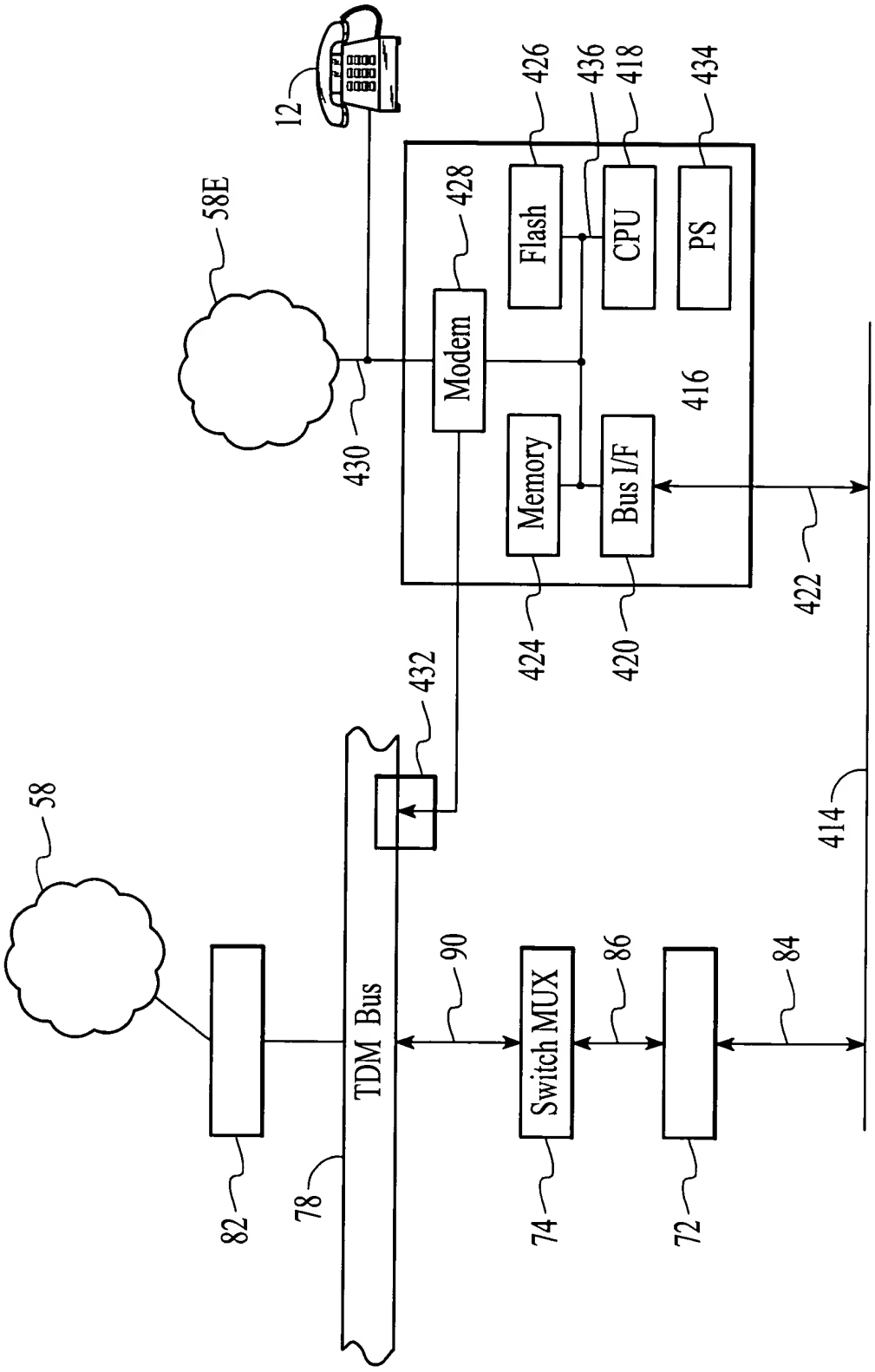


FIG. 20

OIPE JC184
NOV 05 2002
PATENT & TRADEMARK OFFICE

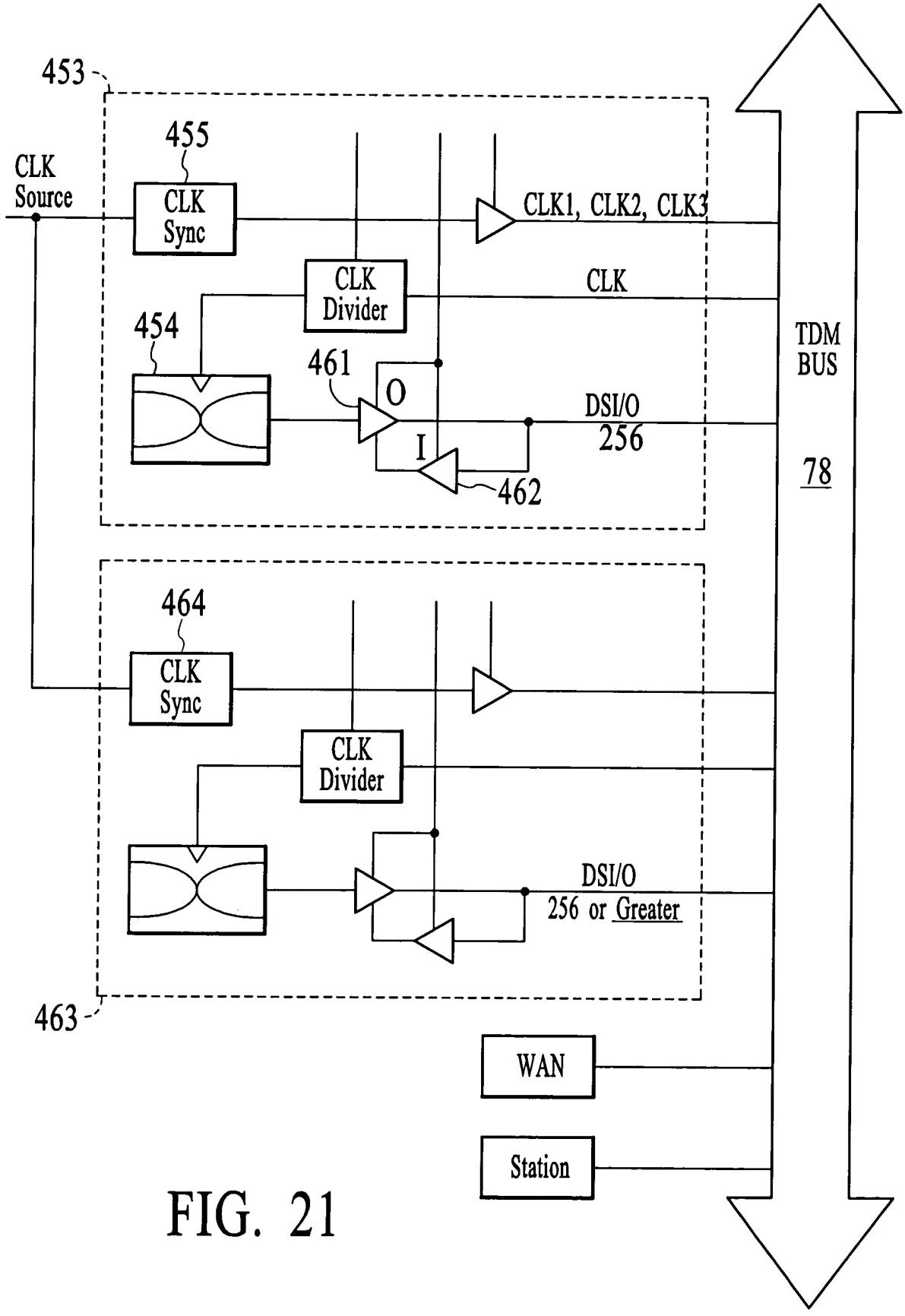


FIG. 21

NOV 05 2002
PATENT & TRADEMARK OFFICE

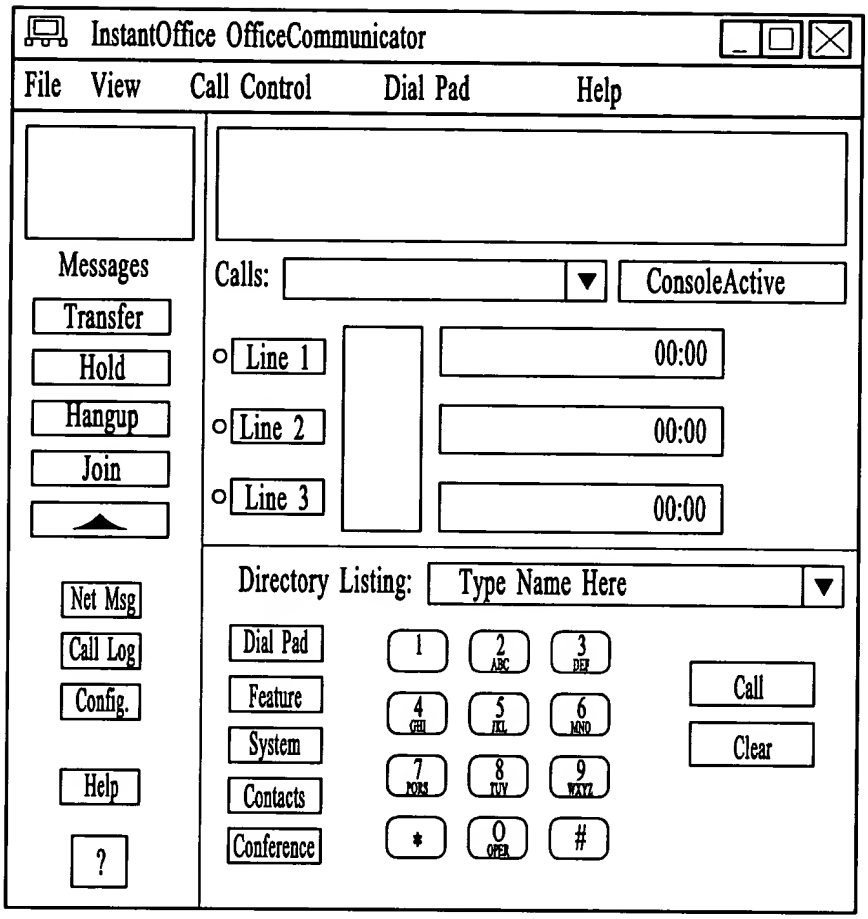


FIG. 22

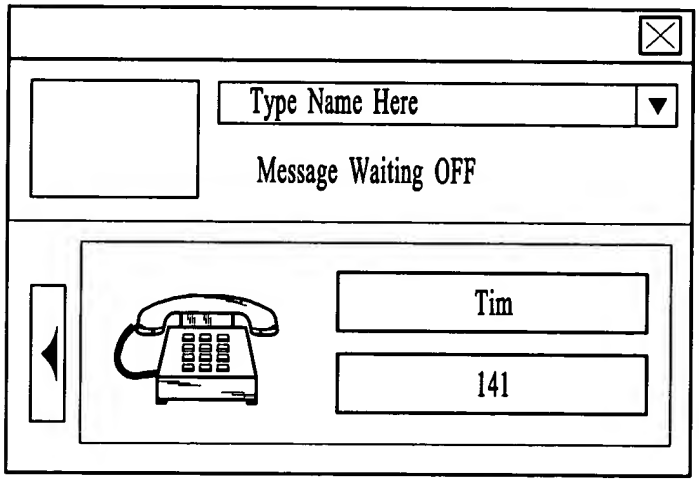


FIG. 23

OIPE SC16
NOV 05 2002
PATENT & TRADEMARK OFFICE

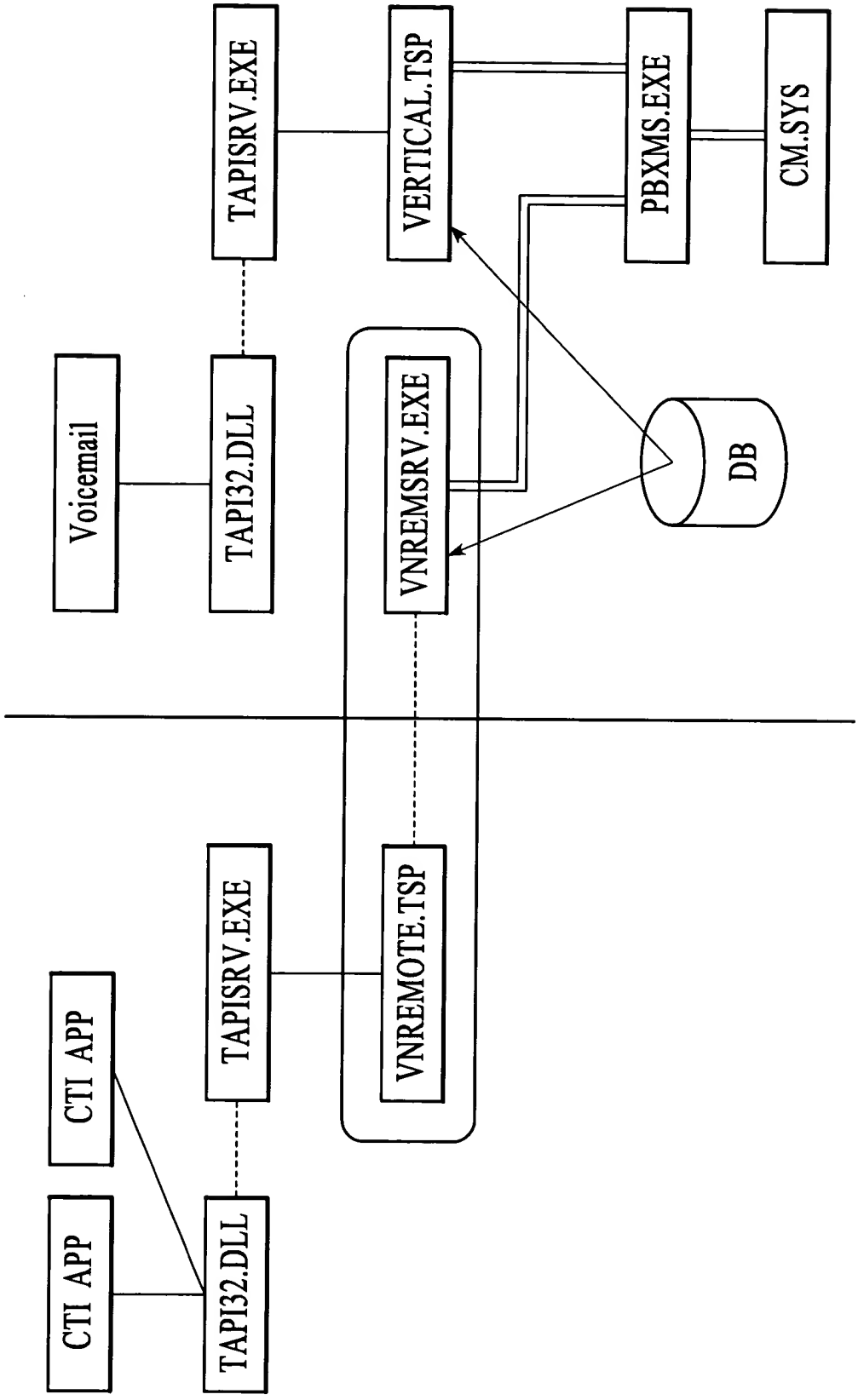


FIG. 24

NOV 05 2002
PATENT & TRADEMARK

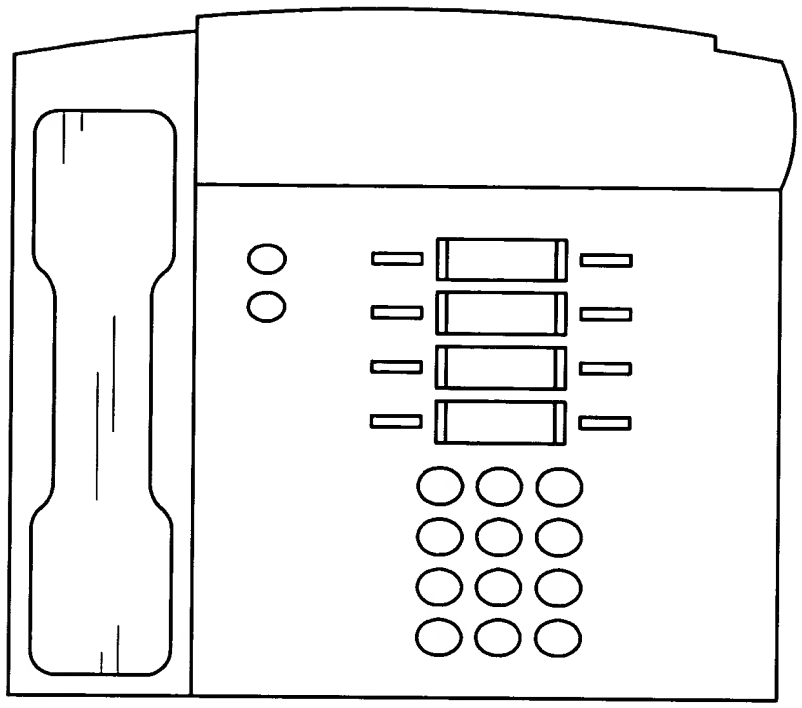


FIG. 25

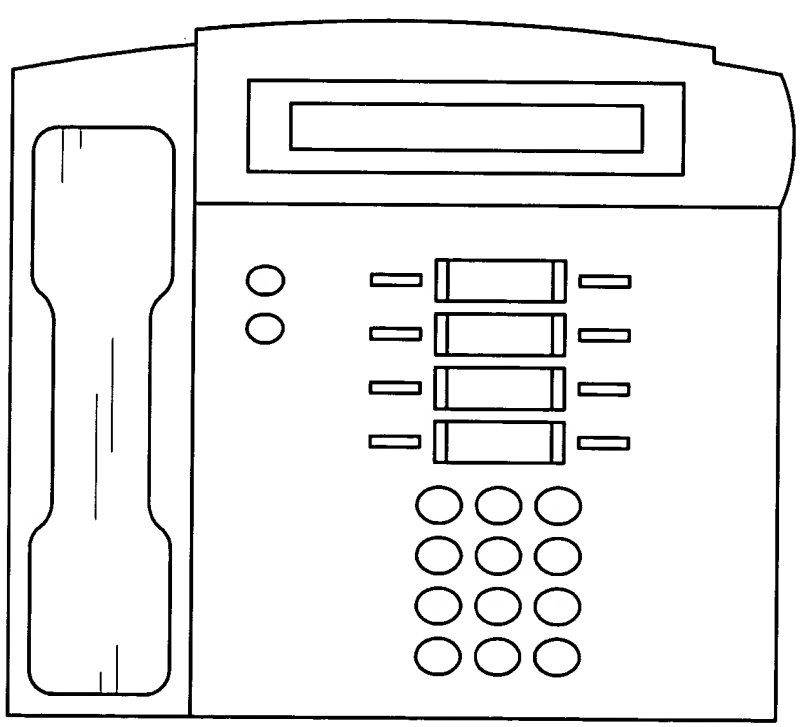


FIG. 26

OIPE
NOV 05 2002
PATENT & TRADEMARK

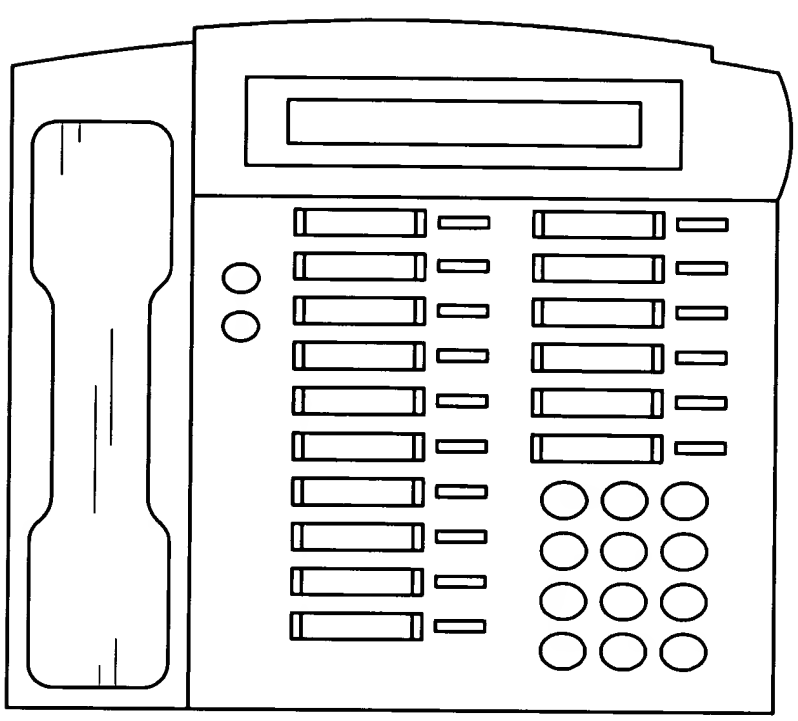


FIG. 27

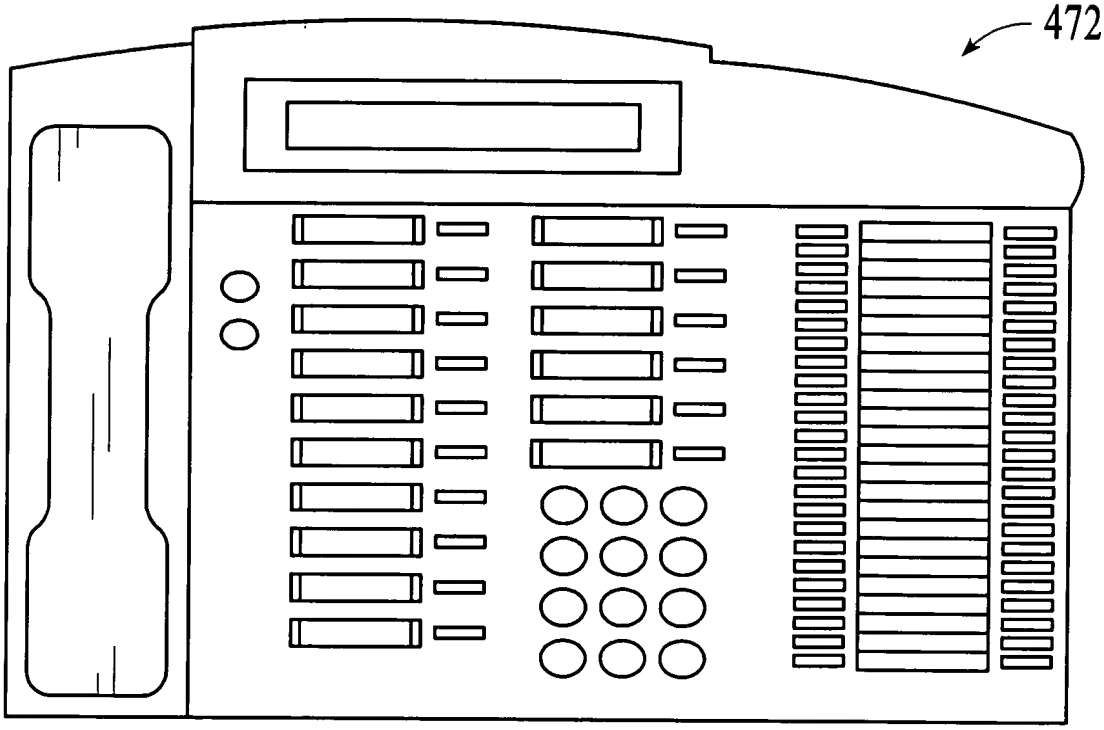


FIG. 28

OIPE JC16
NOV 05 2002
PATENT & TRADEMARK OFFICE

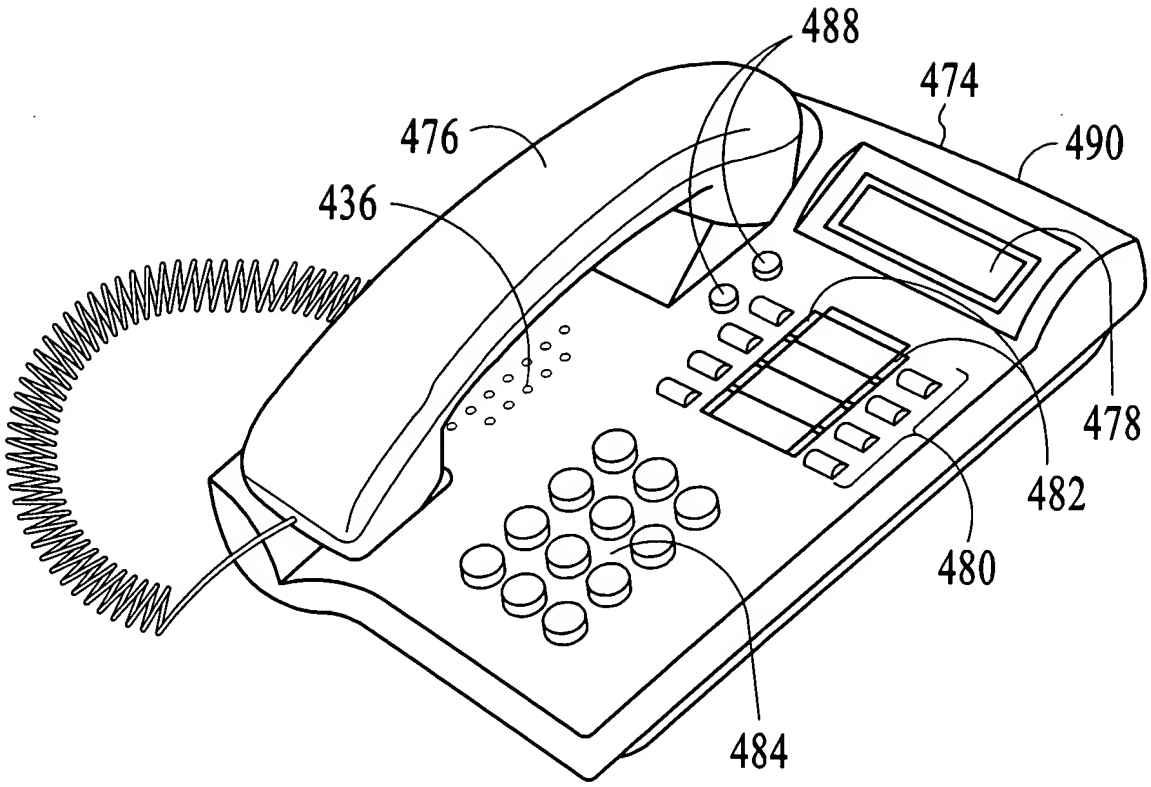


FIG. 29

OIPE JC16
NOV 05 2002
PATENT & TRADEMARK OFFICE

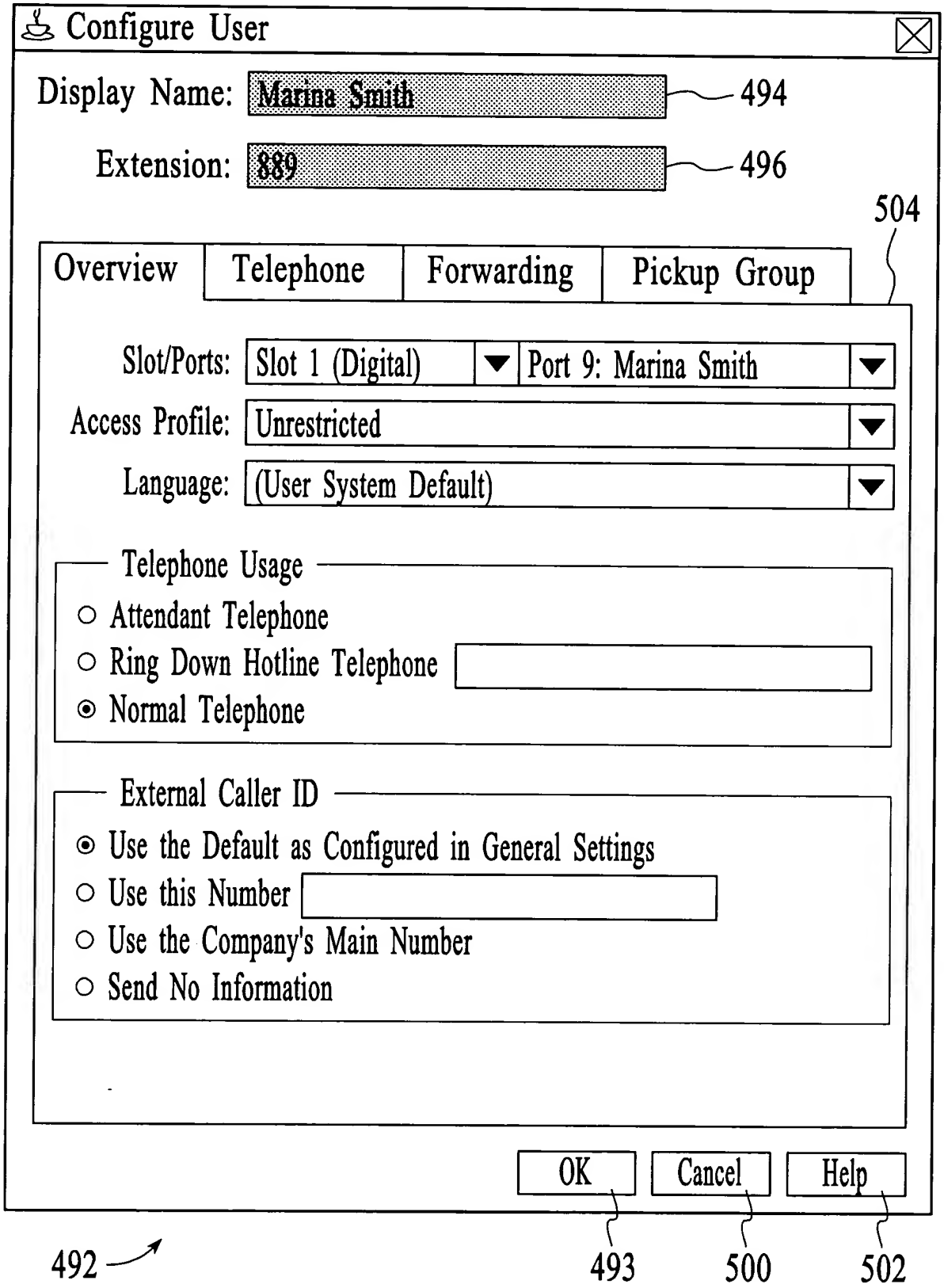


FIG. 30

OIPE JC184 NOV 05 2002 PATENT & TRADEMARK OFFICE

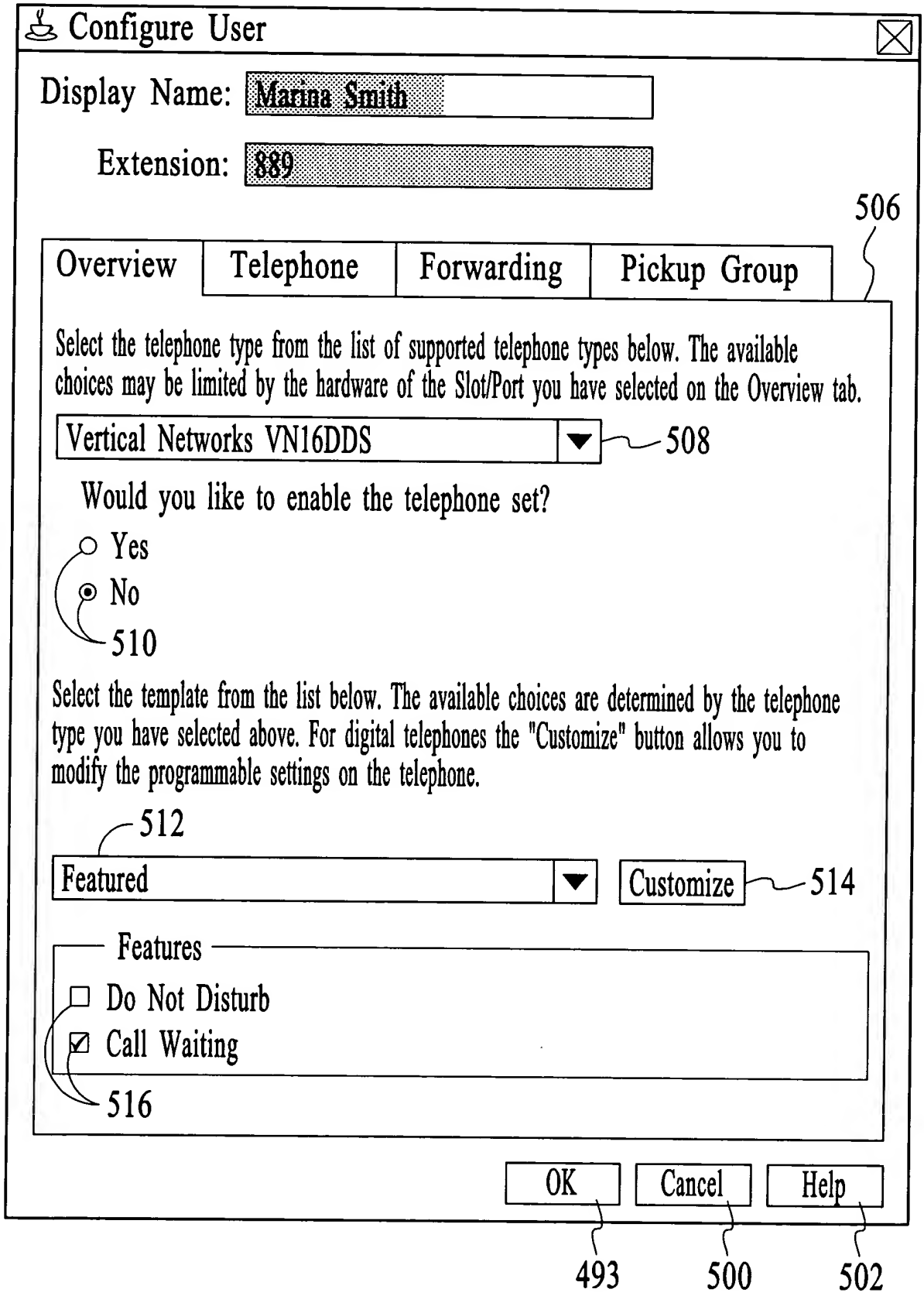


FIG. 31

OIPE
NOV 05 2002
PATENT & TRADE

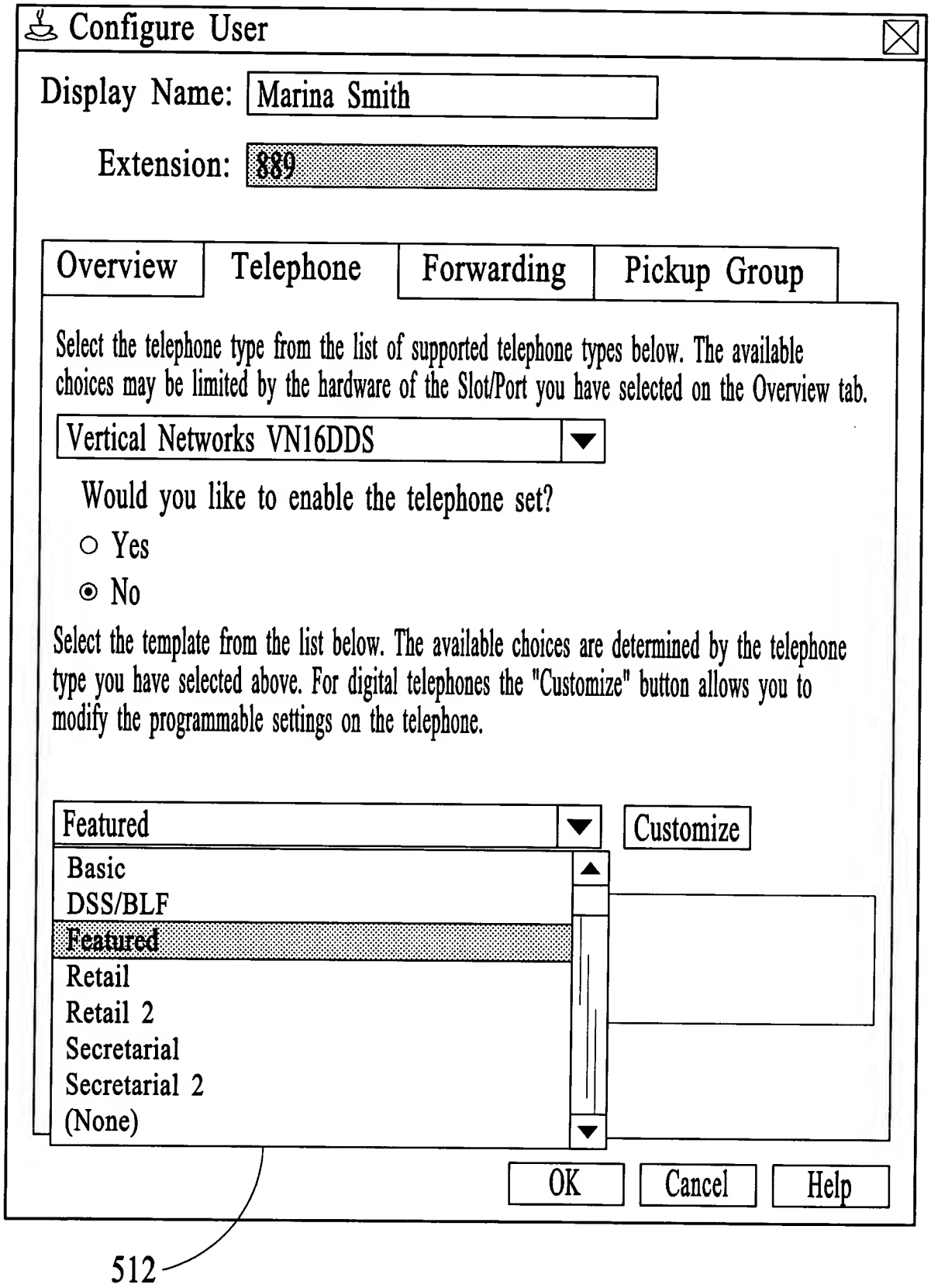


FIG. 32

OTPE
NOV 05 2002
& TRADE

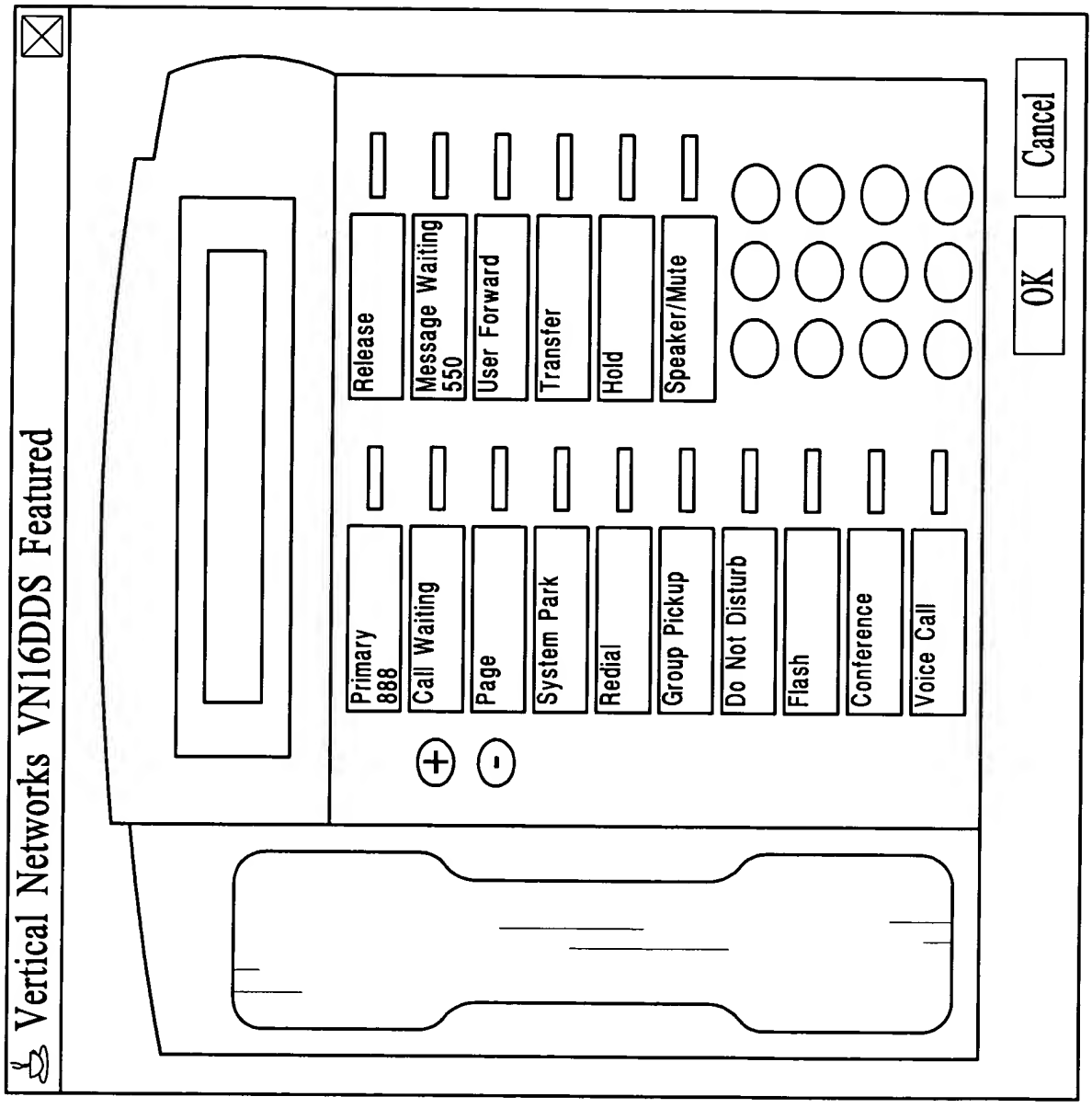


FIG. 33

OIPE
NOV 05

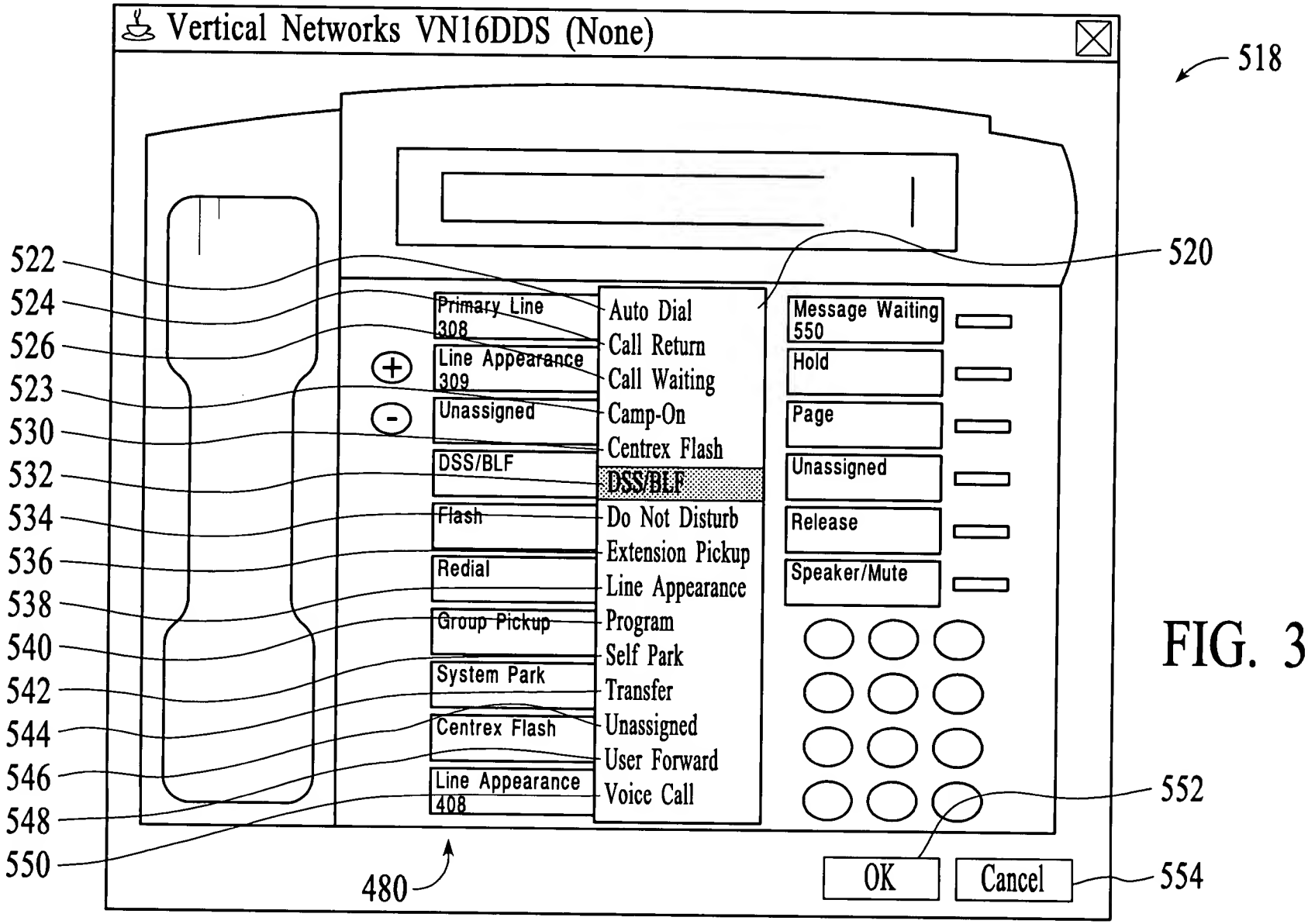


FIG. 34

OIPE
NOV 05 2002
PATENT & TRADEMARK

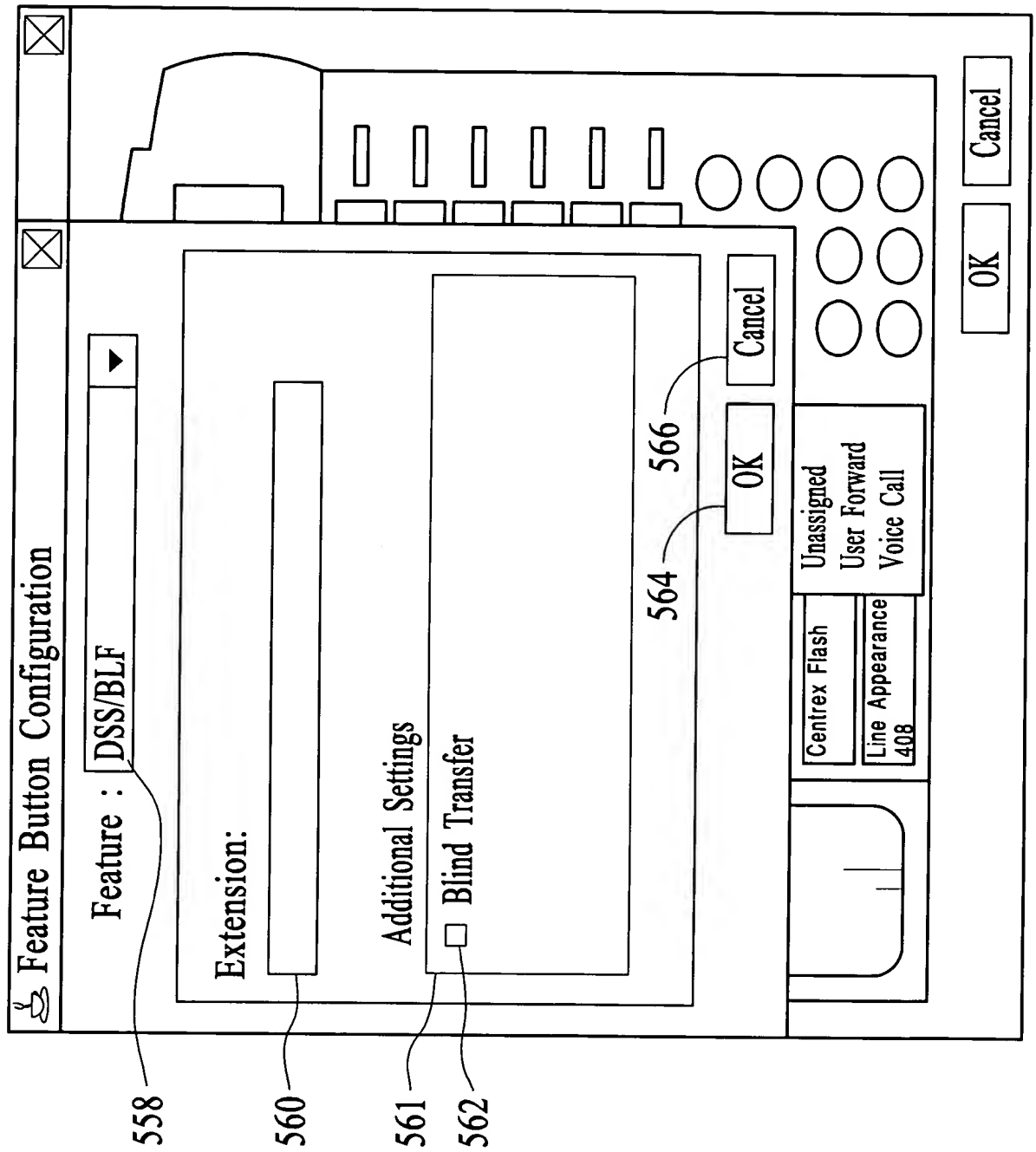


FIG. 35

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

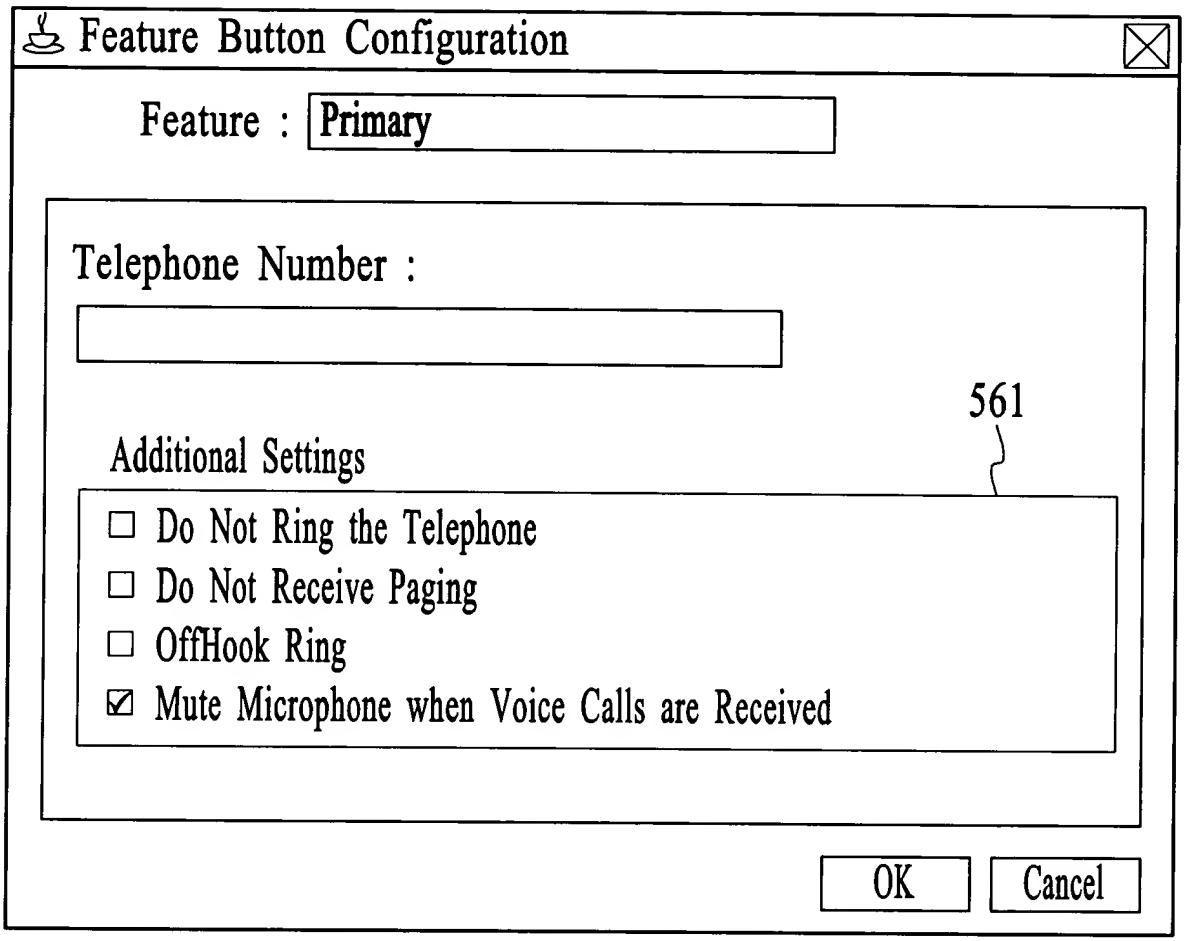


FIG. 36

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

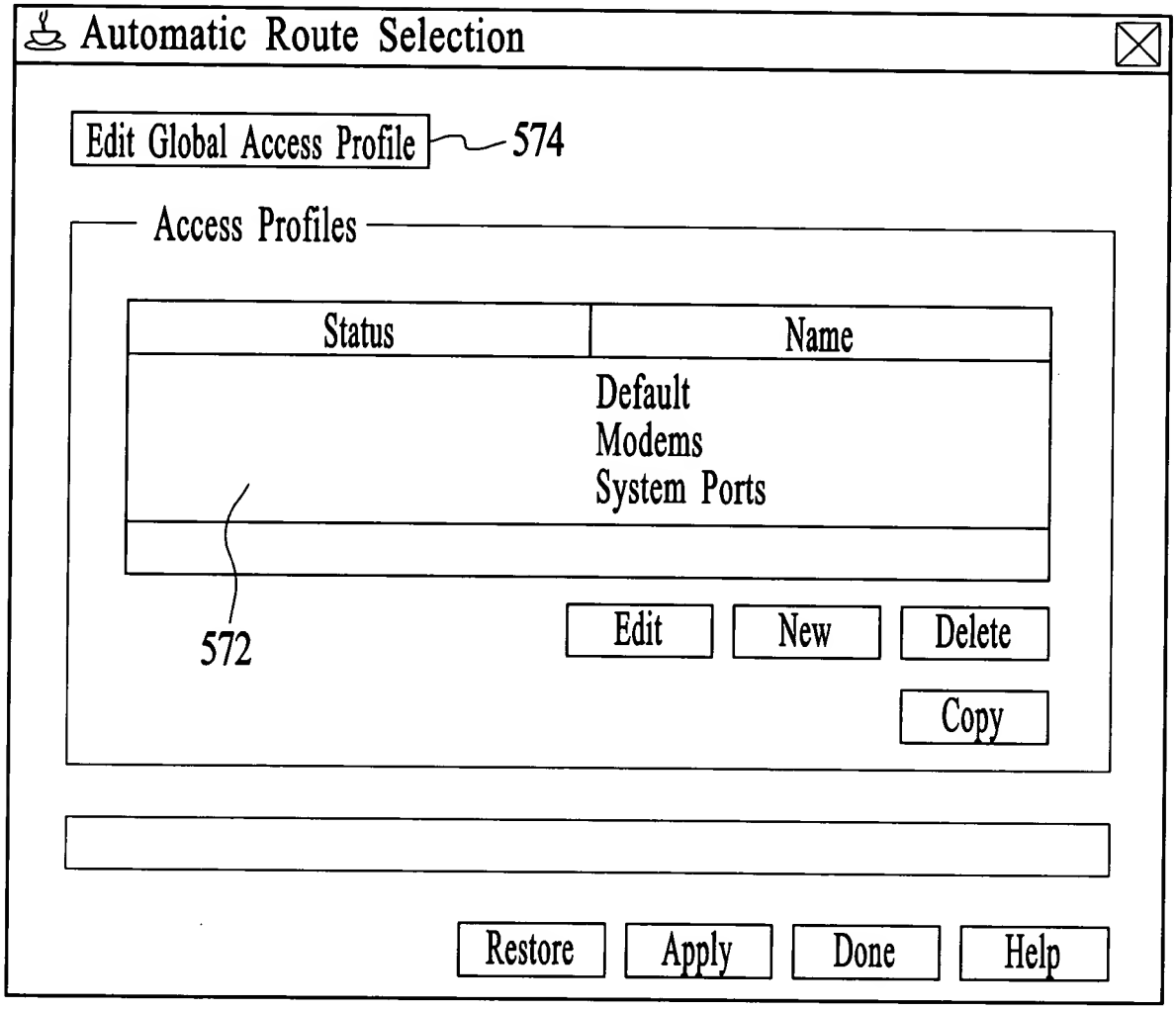


FIG. 37

NOV 05 2002

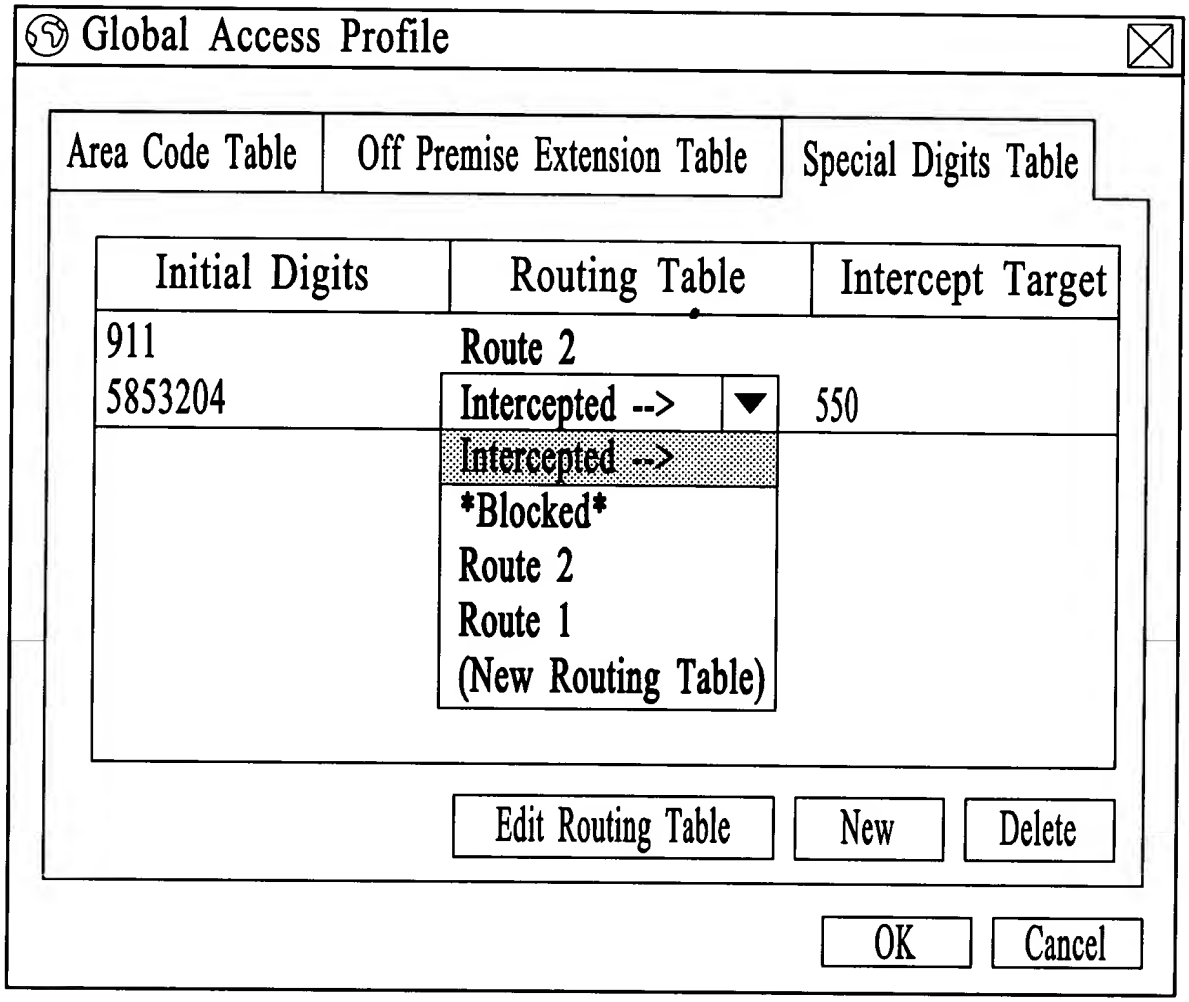


FIG. 38A

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

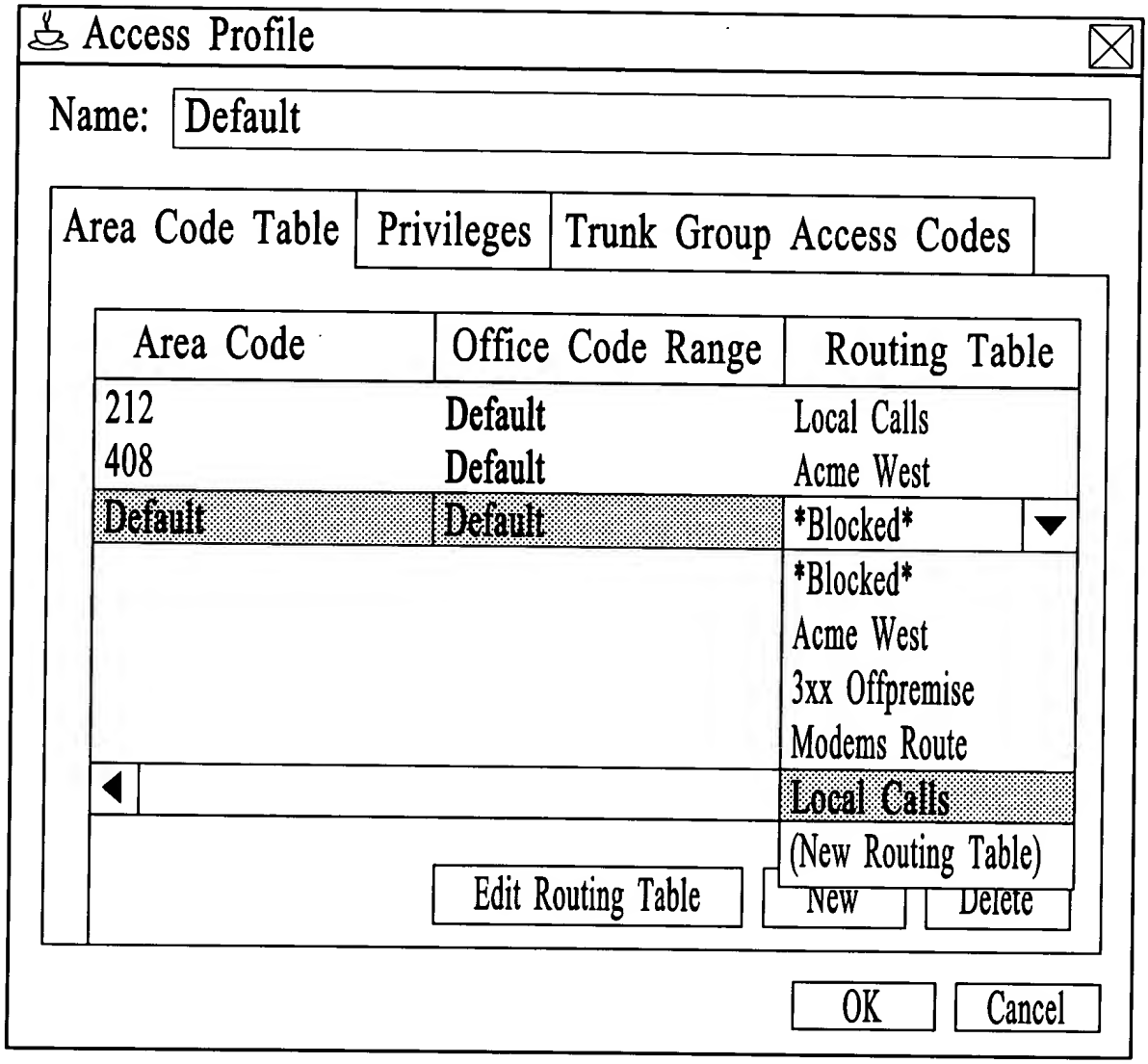


FIG. 38B

OIPE
NOV 05 2002
PATENT & TRADEMARK

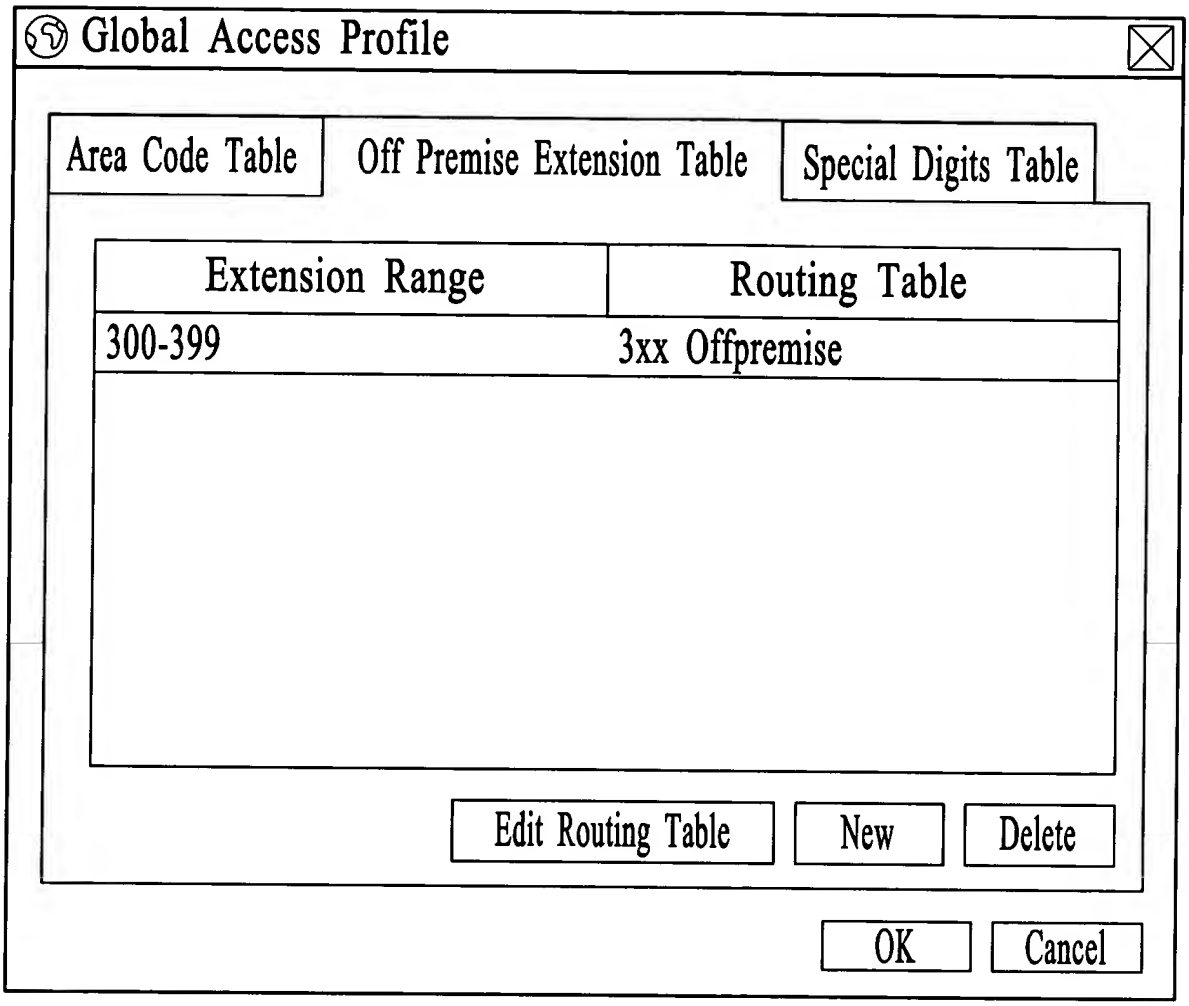


FIG. 38C

OIPE
NOV 05 2002
& TRADE

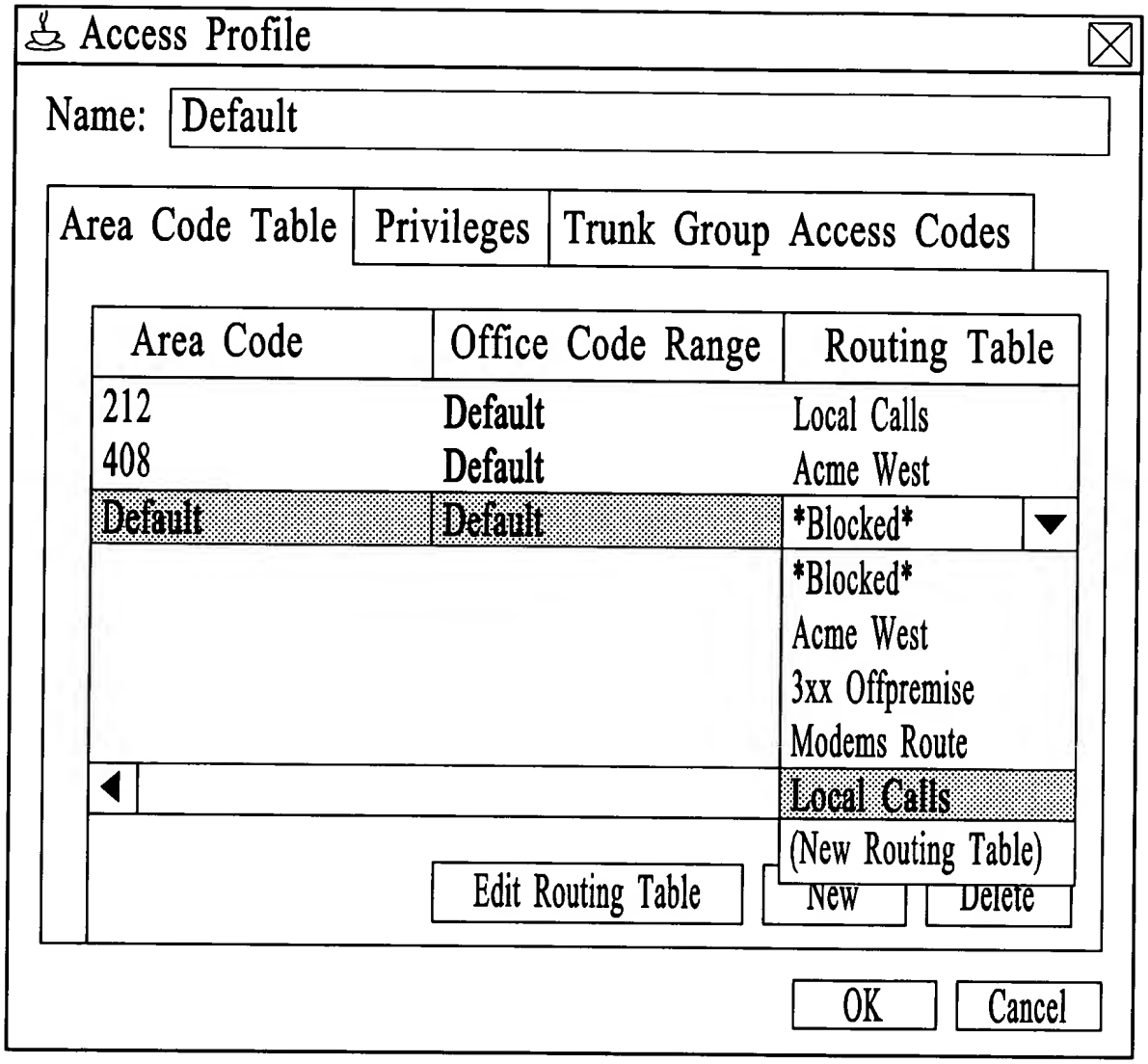


FIG. 39A

OIPE
NOV 05 2002
PATENT & TRADEMARK

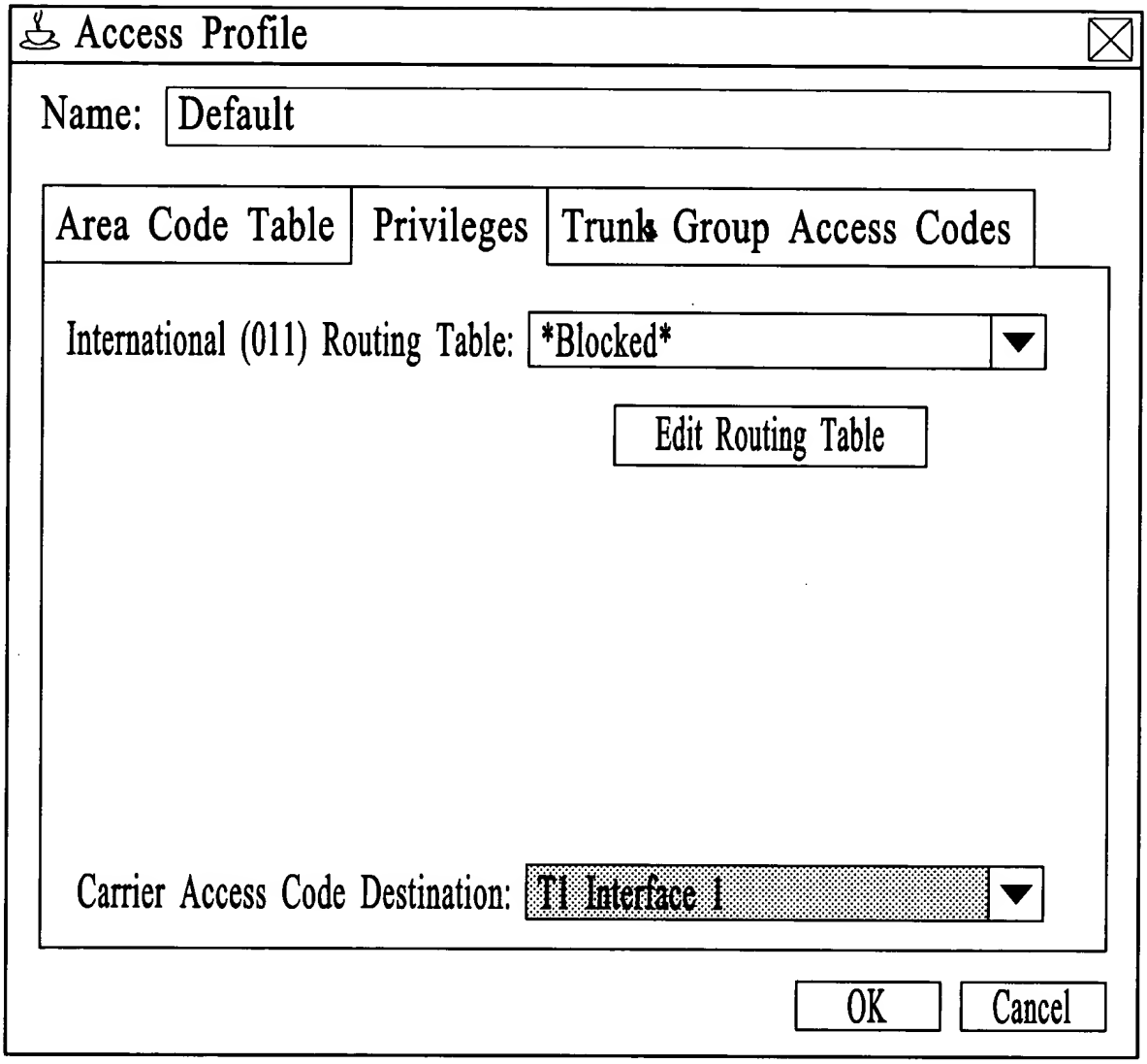


FIG. 39B

NOV 05 2002

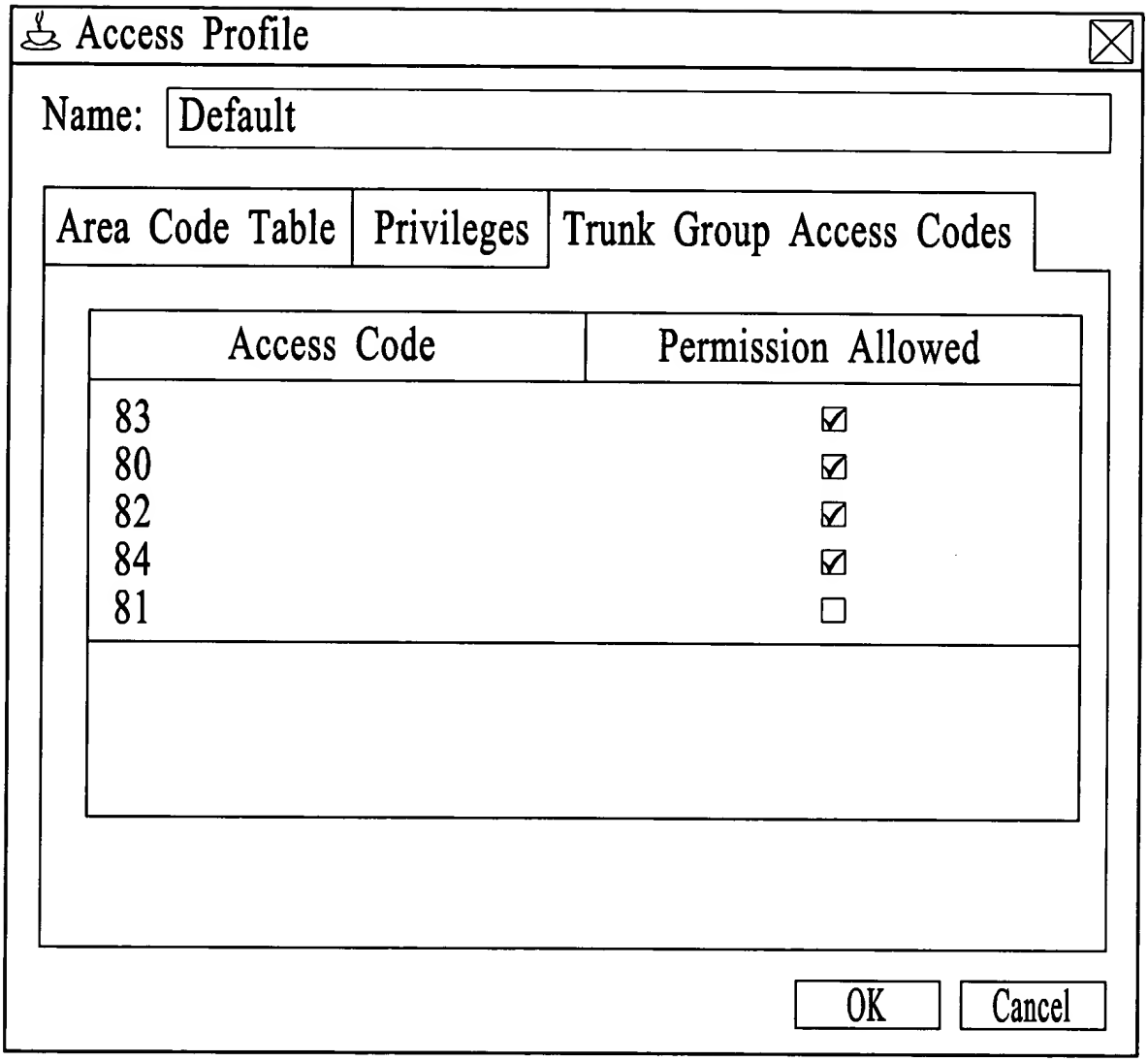


FIG. 39C

OIPE
NOV 05 2002
& TRADEMARK

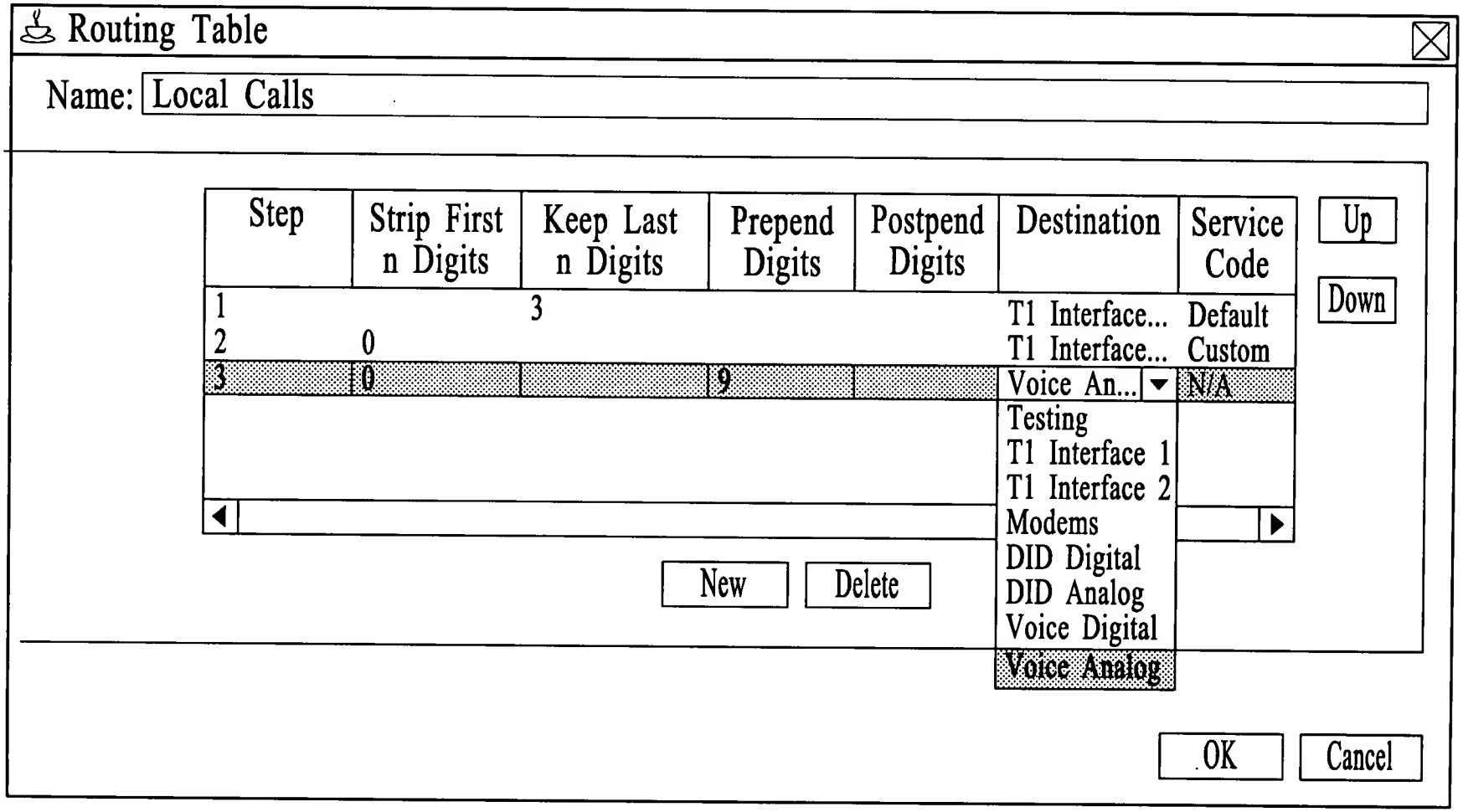
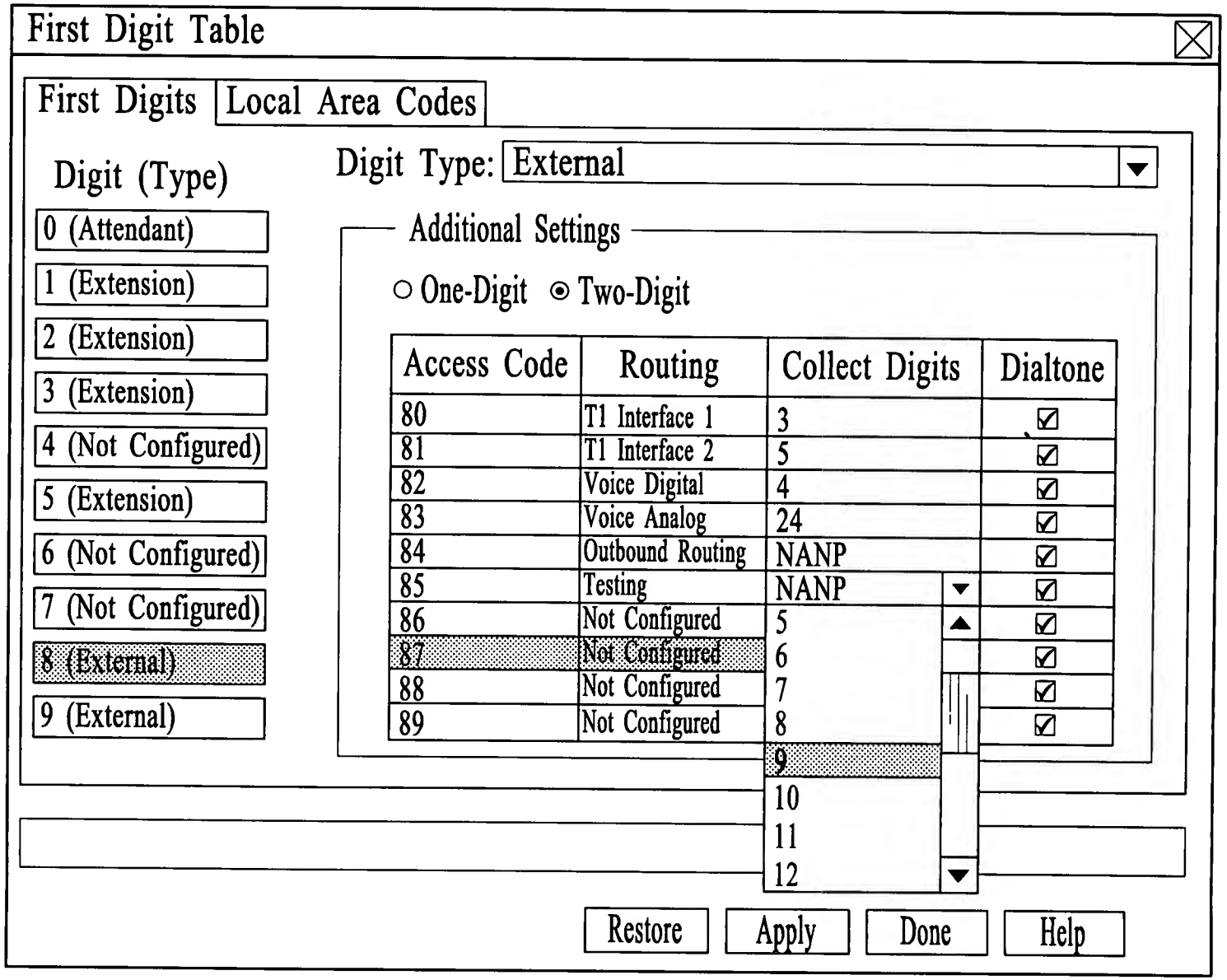


FIG. 40

NOV 05 2002

FIG. 41



PATENT & TRADEMARK OFFICE NOV 05 2002 OIPE
NOV 05

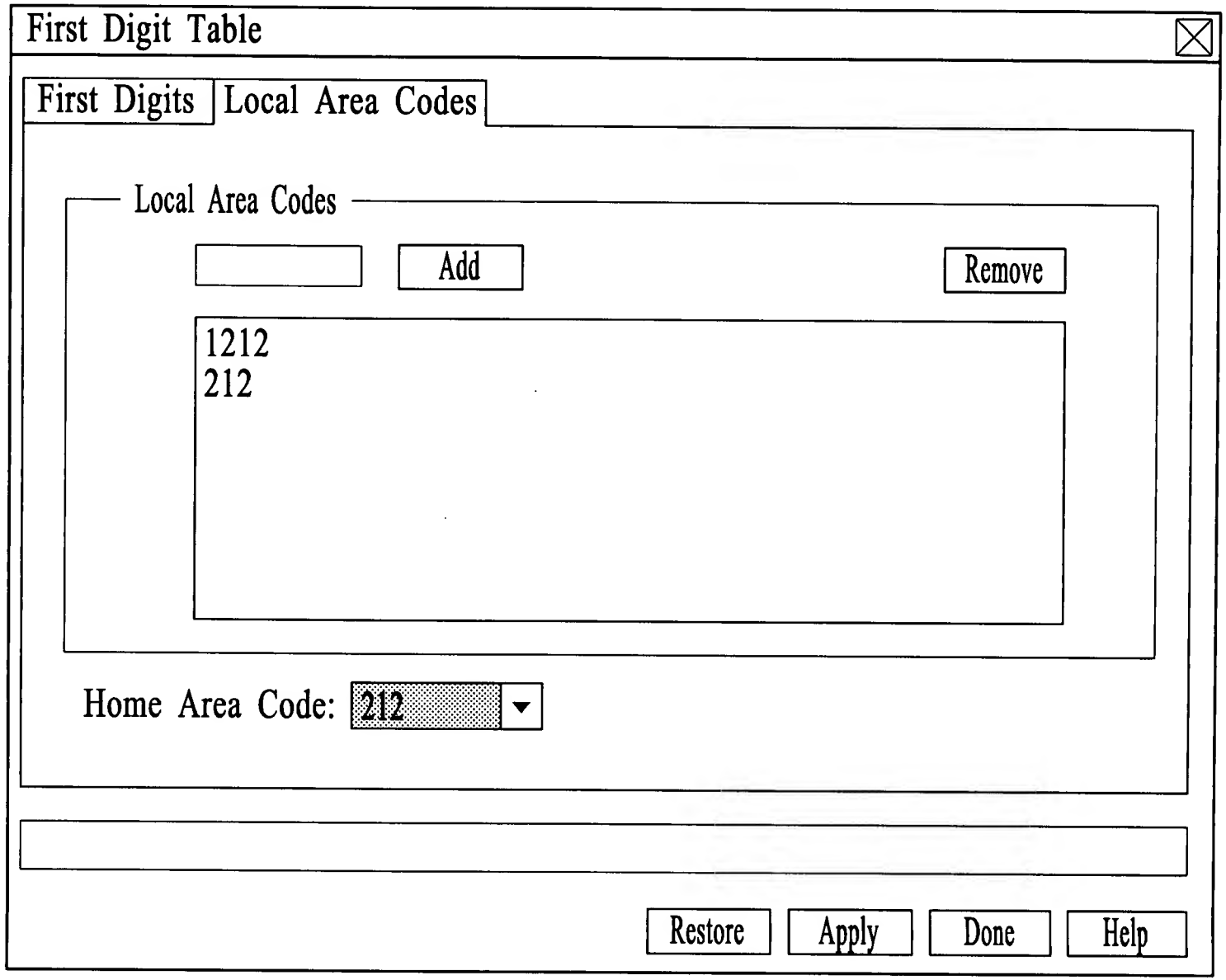


FIG. 42

OIPE JC164
NOV 05 2002
PATENT & TRADEMARK OFFICE

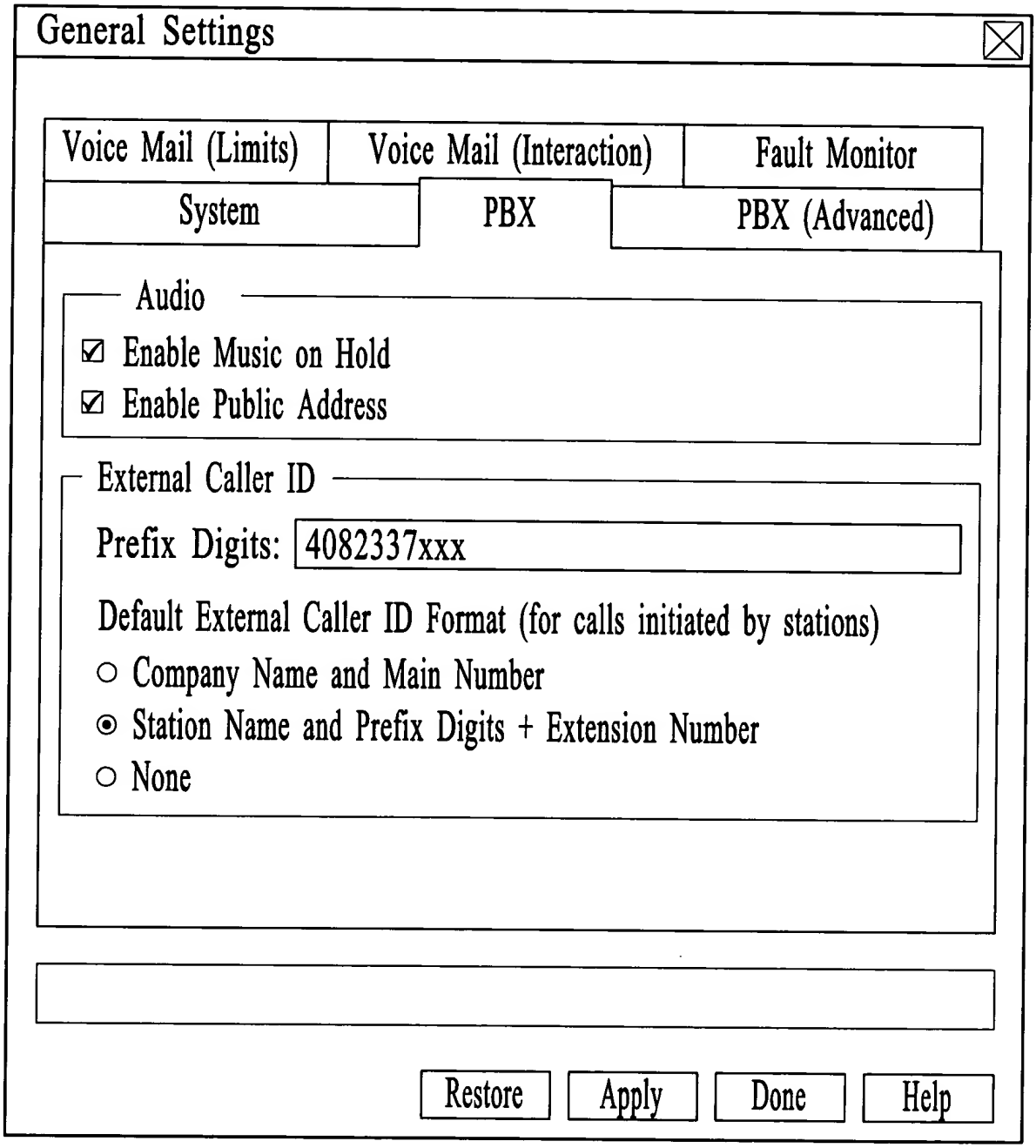


FIG. 43A

OIPE
NOV 05 2002
PATENT & TRADEMARK

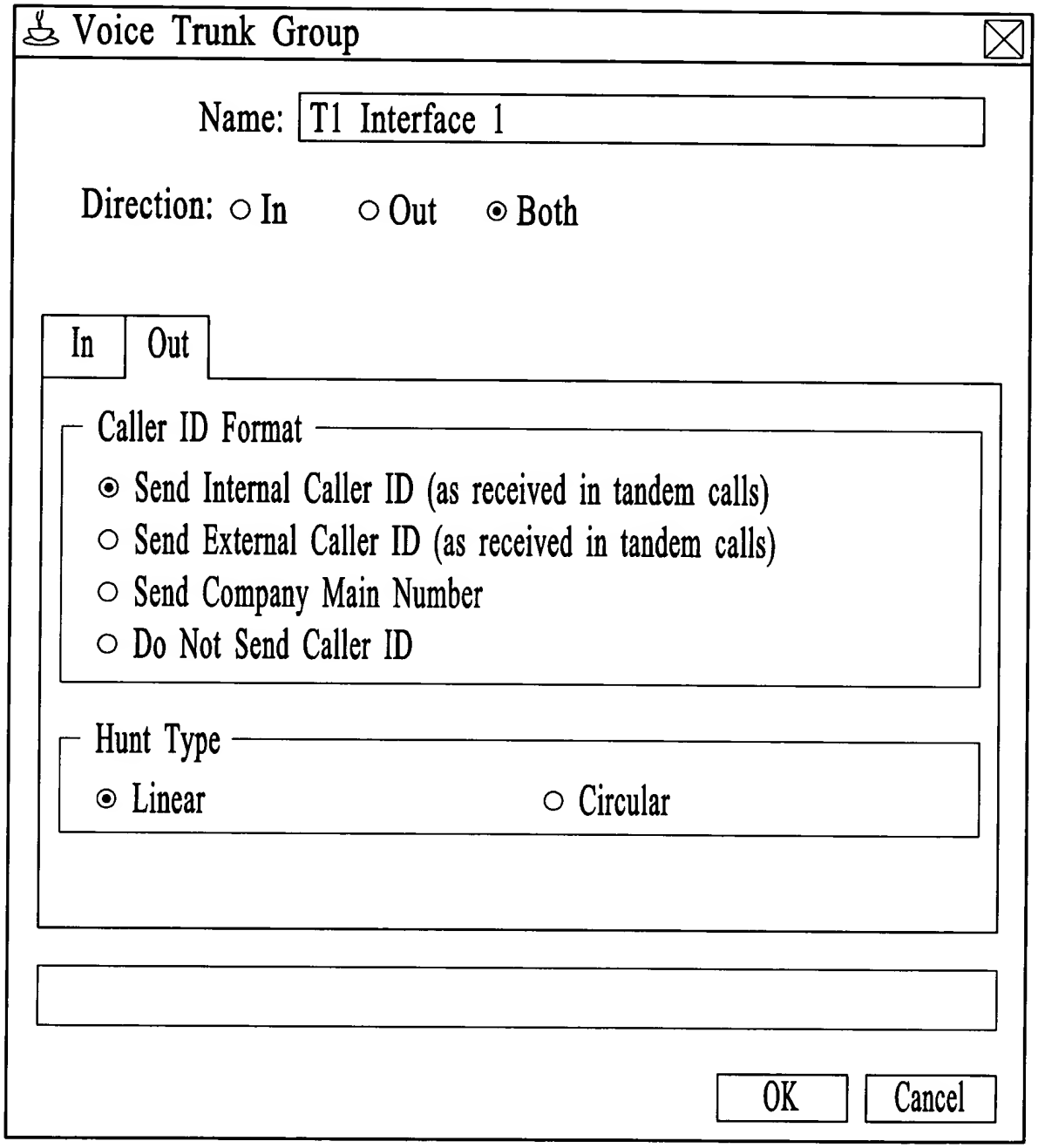


FIG. 43B

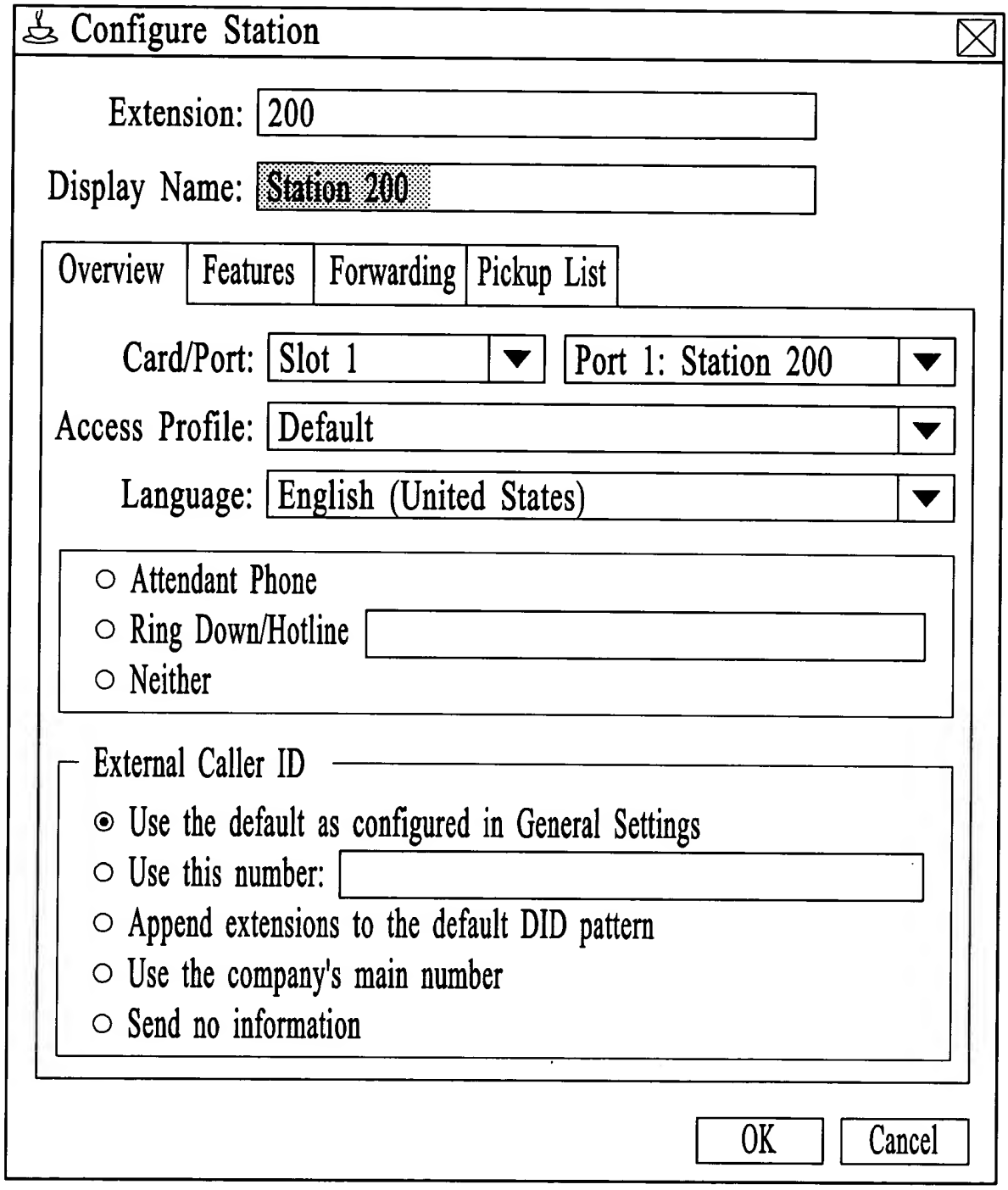

Configure Station
Extension: 200
Display Name: Station 200
Overview
Features
Forwarding
Pickup List
Card/Port: Slot 1
Port 1: Station 200
Access Profile: Default
Language: English (United States)
Attendant Phone
Ring Down/Hotline
Neither
External Caller ID
Use the default as configured in General Settings
Use this number:
Append extensions to the default DID pattern
Use the company's main number
Send no information
OK
Cancel

FIG. 43C

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

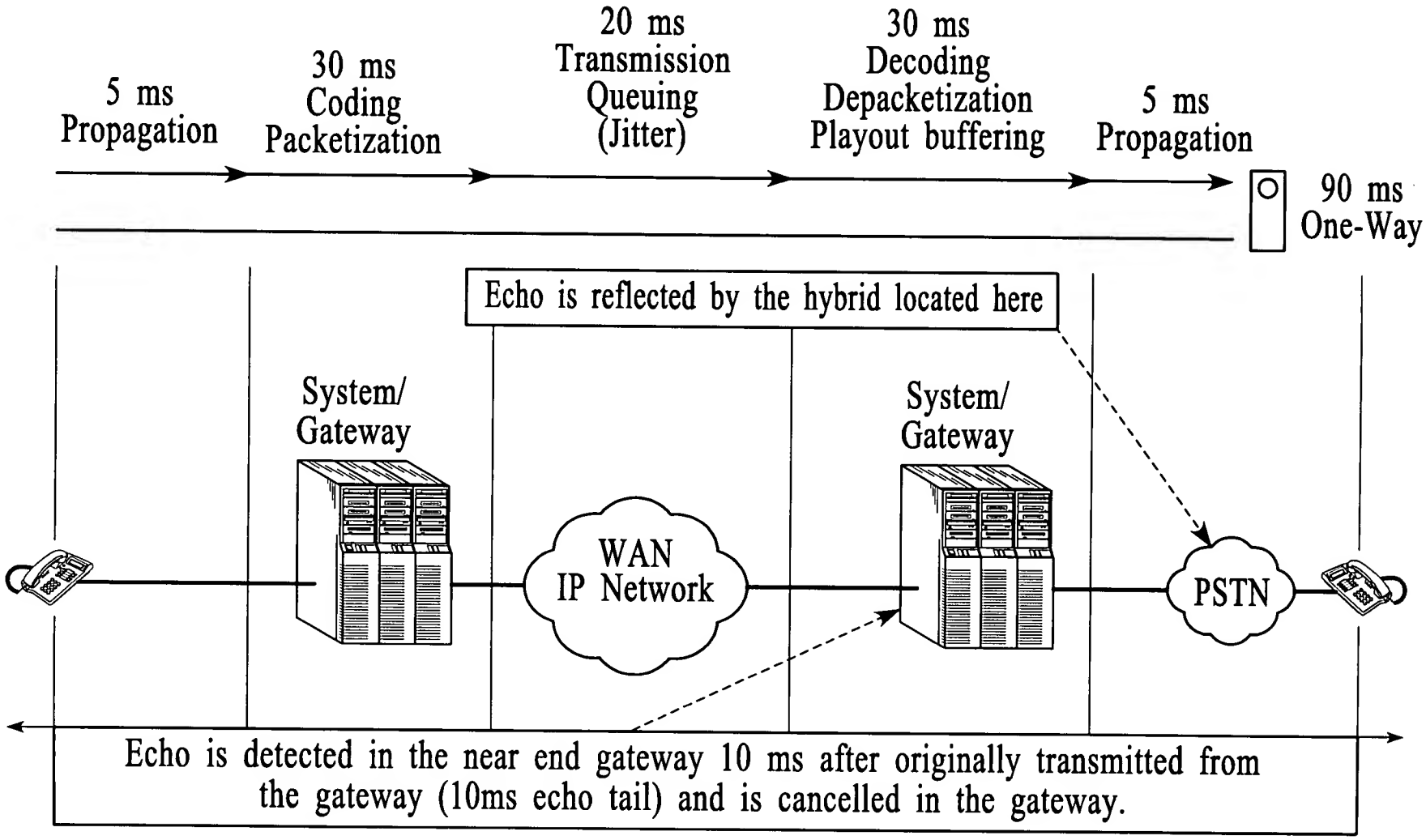


FIG. 44

OIPE
NOV 05 2002
& TRADEMARK

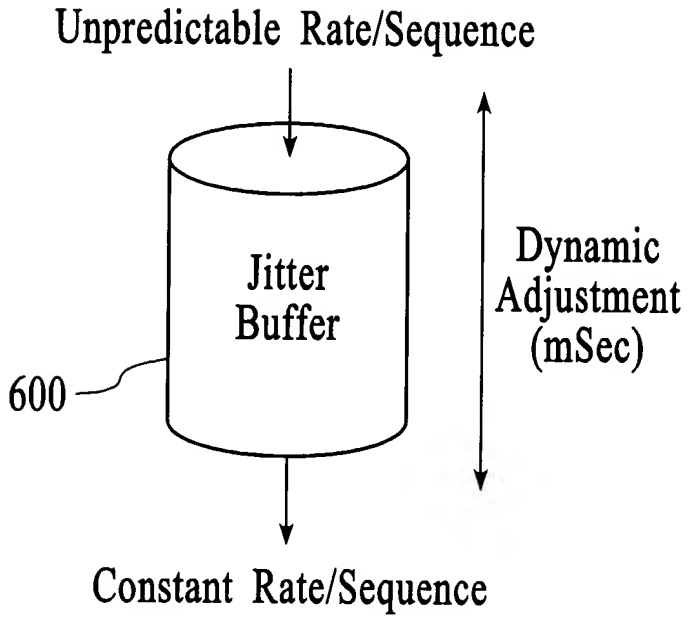


FIG. 45

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

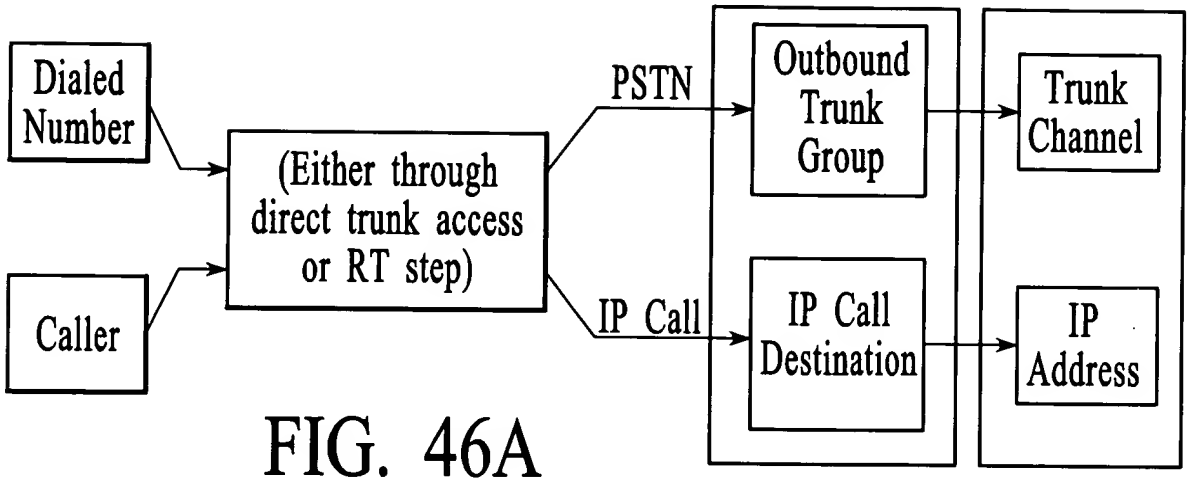


FIG. 46A

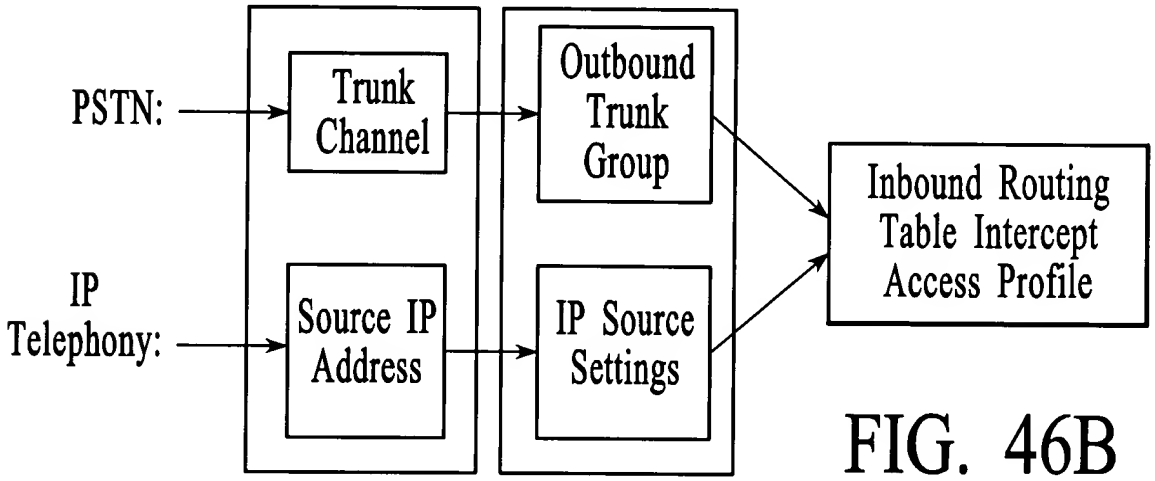


FIG. 46B

Routing Table

Name: To Mustang

Step	Strip First n Digits	Keep Last n Digits	Prepend Digits	Postpend Digits	Destination	ISDN Settings
1	0				IP|Mustang	N/A
2	0				Voice Digital	N/A
3	0				Voice Analog	N/A

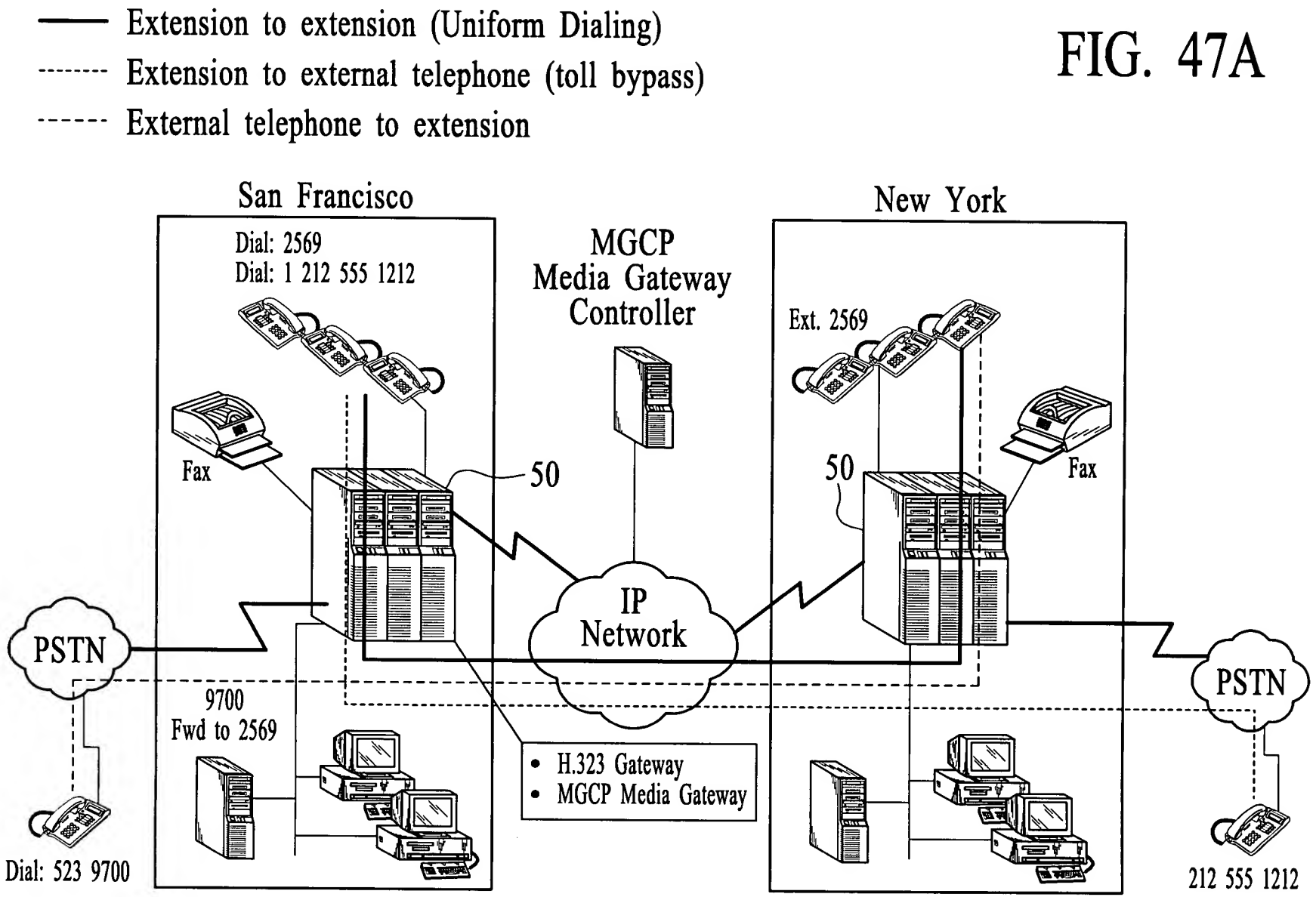
Up

Down

FIG. 46C

OIPE
NOV 05 2002
PATENT & TRADEMARK OFFICE

FIG. 47A



NOV 05 2002
PATENT & TRADEMARK

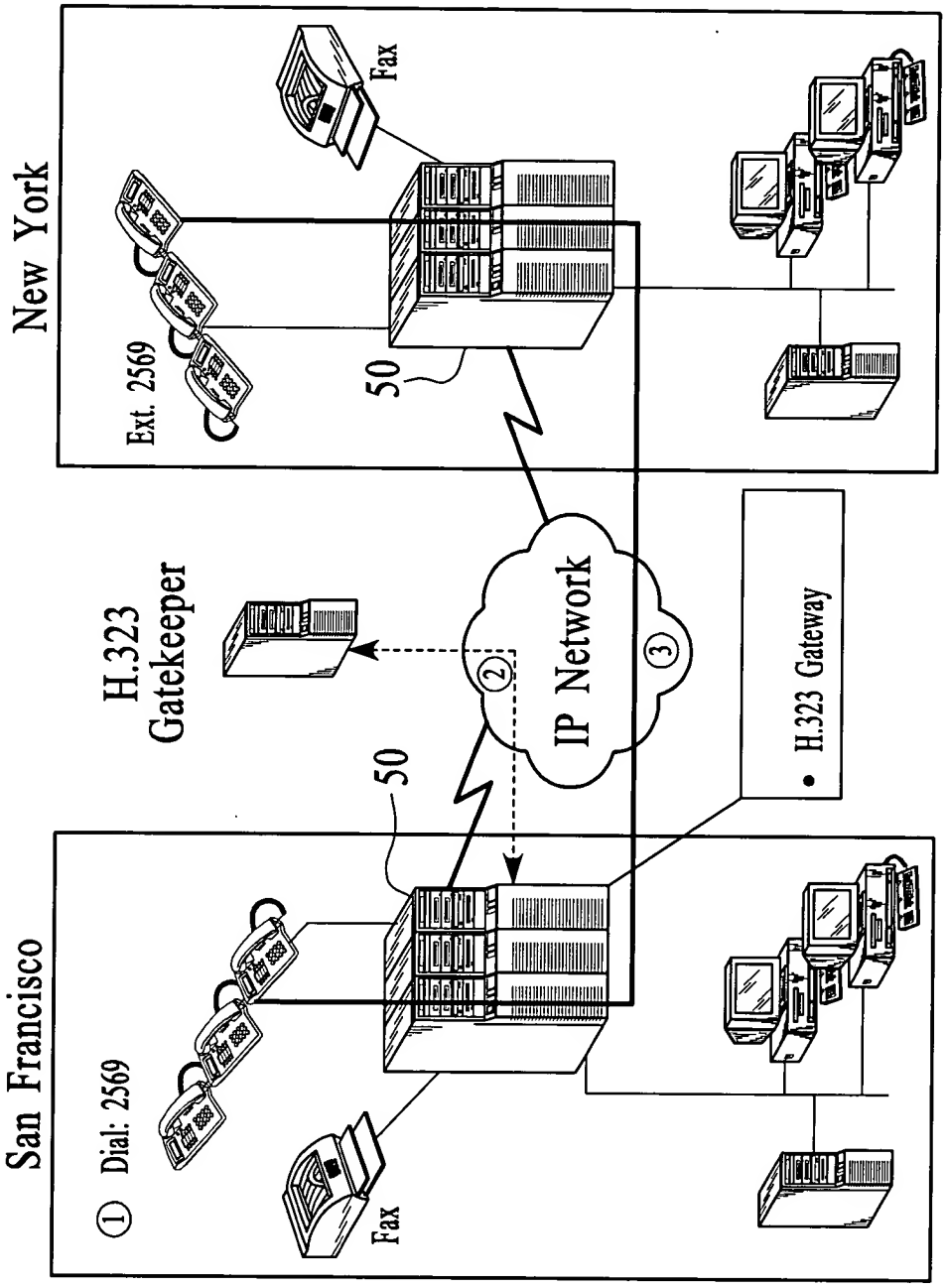


FIG. 47B

NOV 05 2002
PATENT & TRADEMARK OFFICE

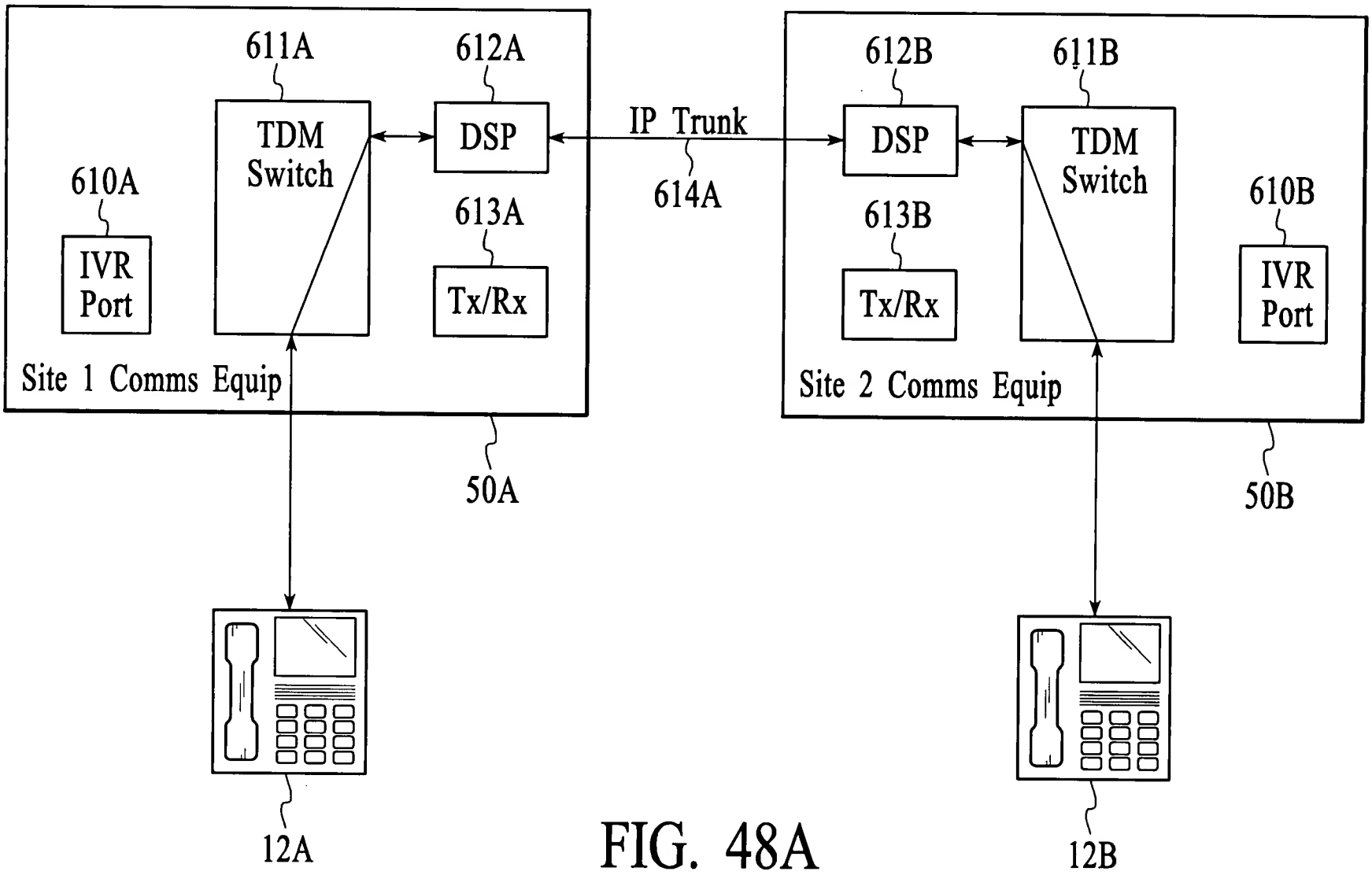


FIG. 48A

OIPE
NOV 05 2002
PATENT & TRADEMARK

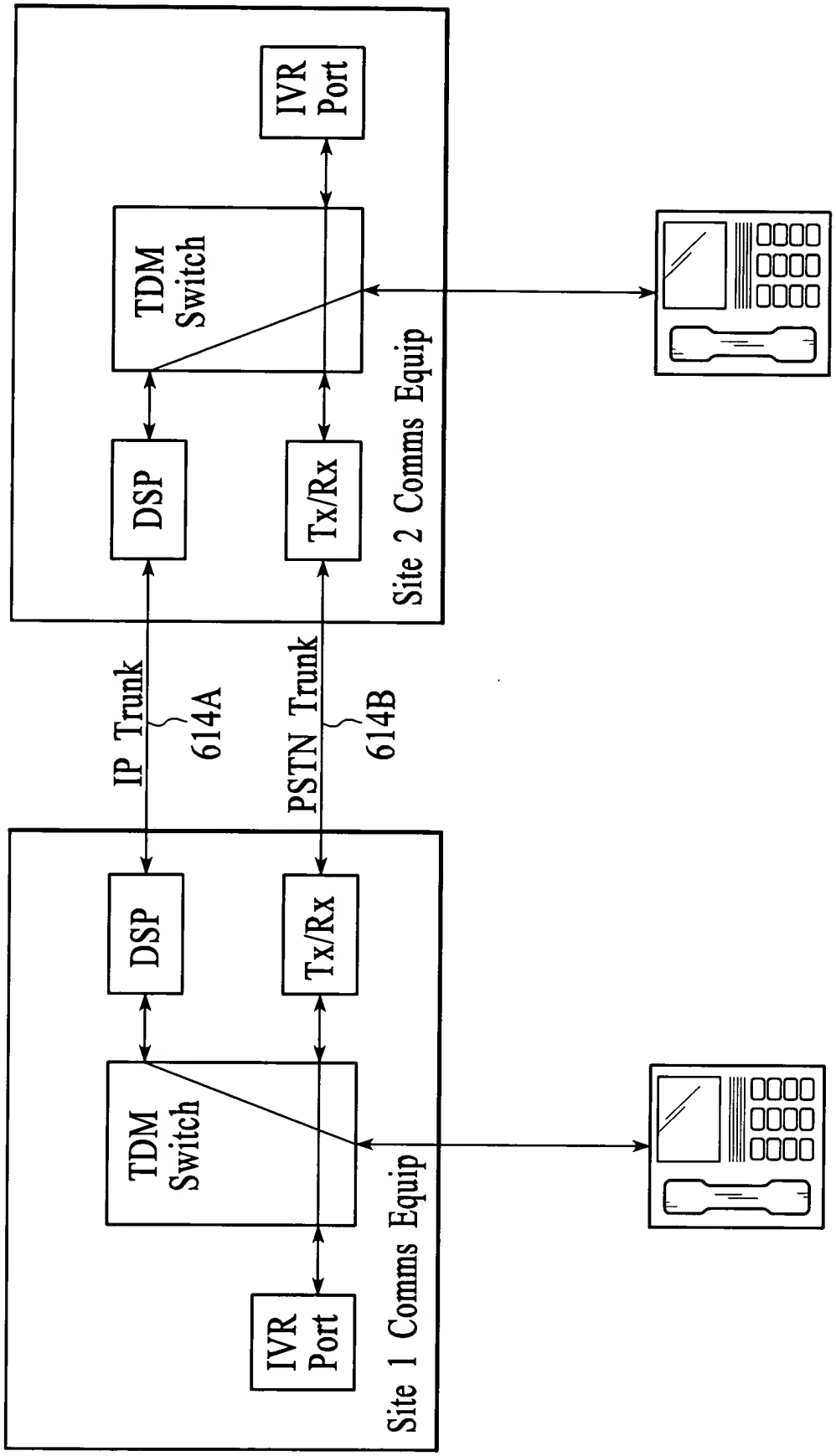


FIG. 48B

OIPE
NOV 05 2002
PATENT & TRADEMARK

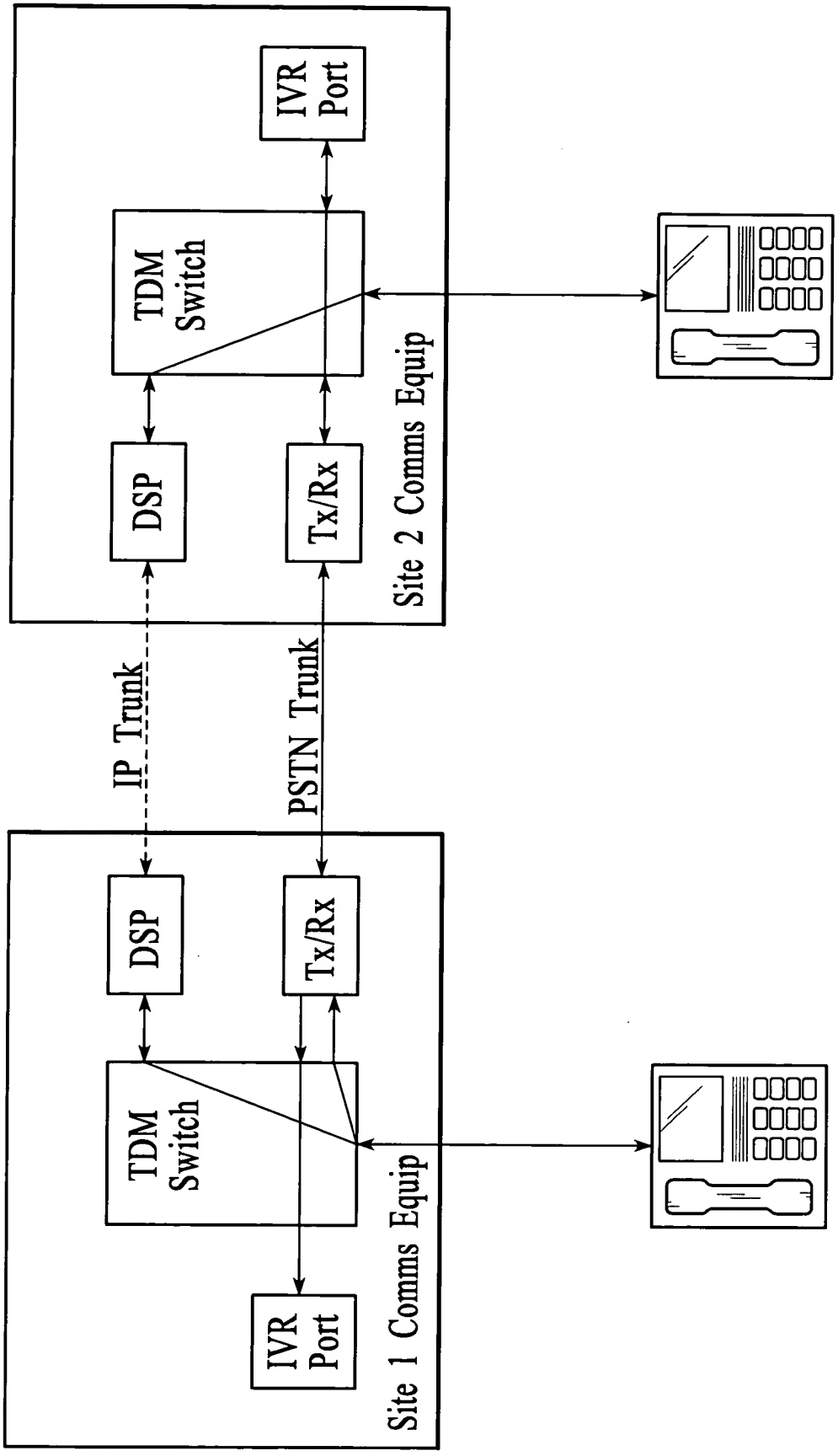


FIG. 48C

OIPE
NOV 05 2002
PATENT & TRADEMARK

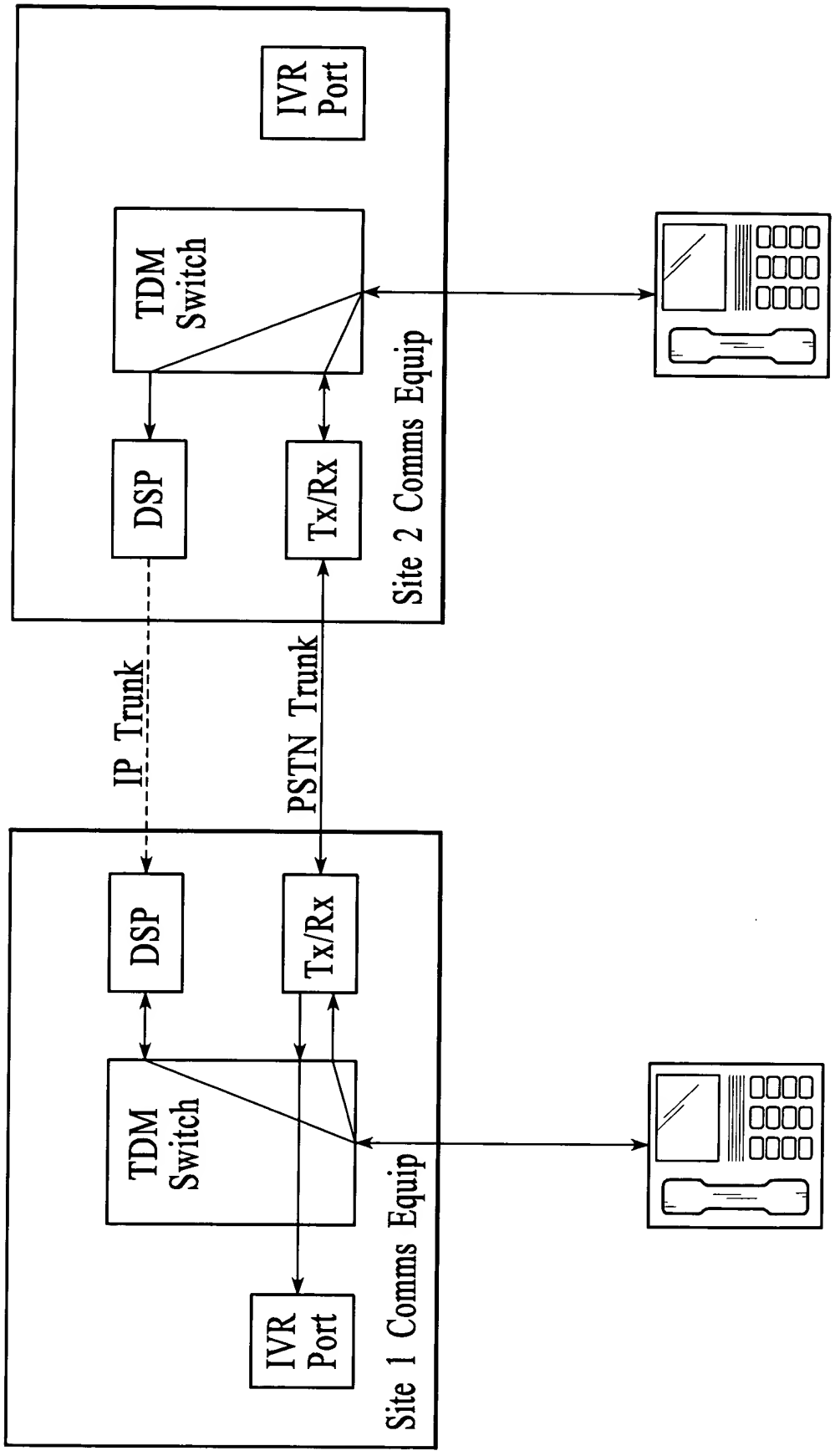


FIG. 48D

OIPE JC164
NOV 05 2002
PATENT & TRADEMARK OFFICE

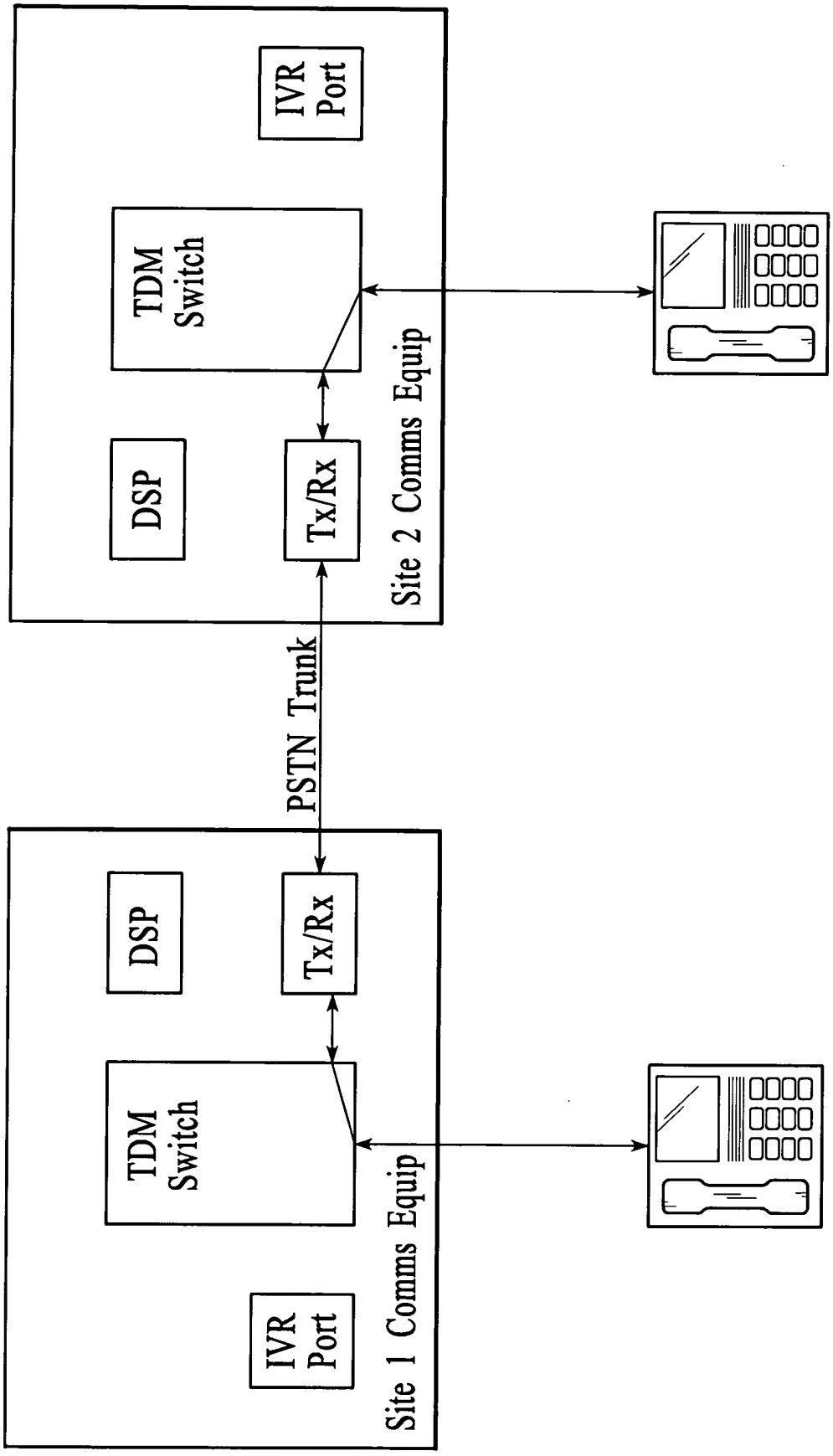


FIG. 48E

OIPE
NOV 05 2002
PATENT & TRADEMARK

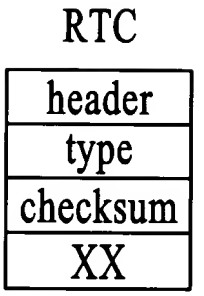


FIG. 49A

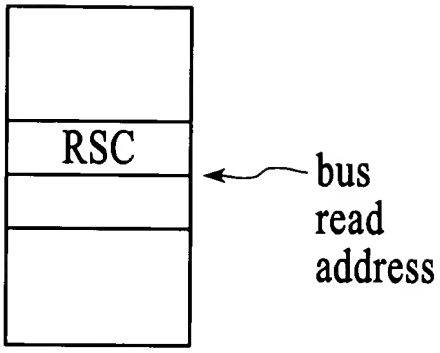


FIG. 49D

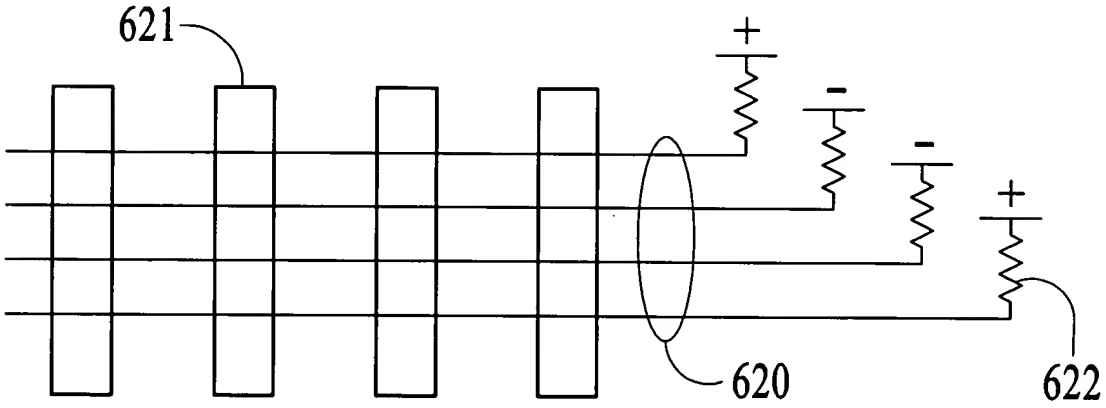


FIG. 49B

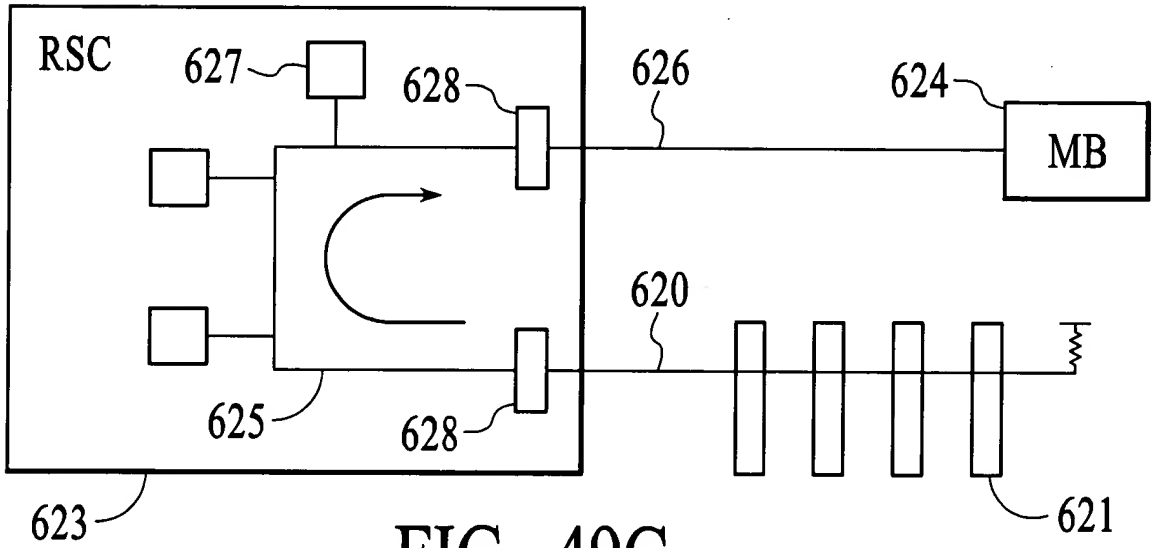


FIG. 49C